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DSWA ltr., 10 Apr 97; DSWA ltr., 10 Apr 97

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# TECHNICAL INSPECTION REPORT

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Classification (~~Cancelled~~) (Changed to  
By Authority of Joint Chiefs of Staff (Action 18 Apr 49)  
By *[Signature]* Date *24 Apr 51*  
*APSWP*

U.S.S. PENSACOLA (CA24)

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By ~~J. A. ...~~ Date ~~24 Apr 51~~

*M. W. A. P. S. W. P.*

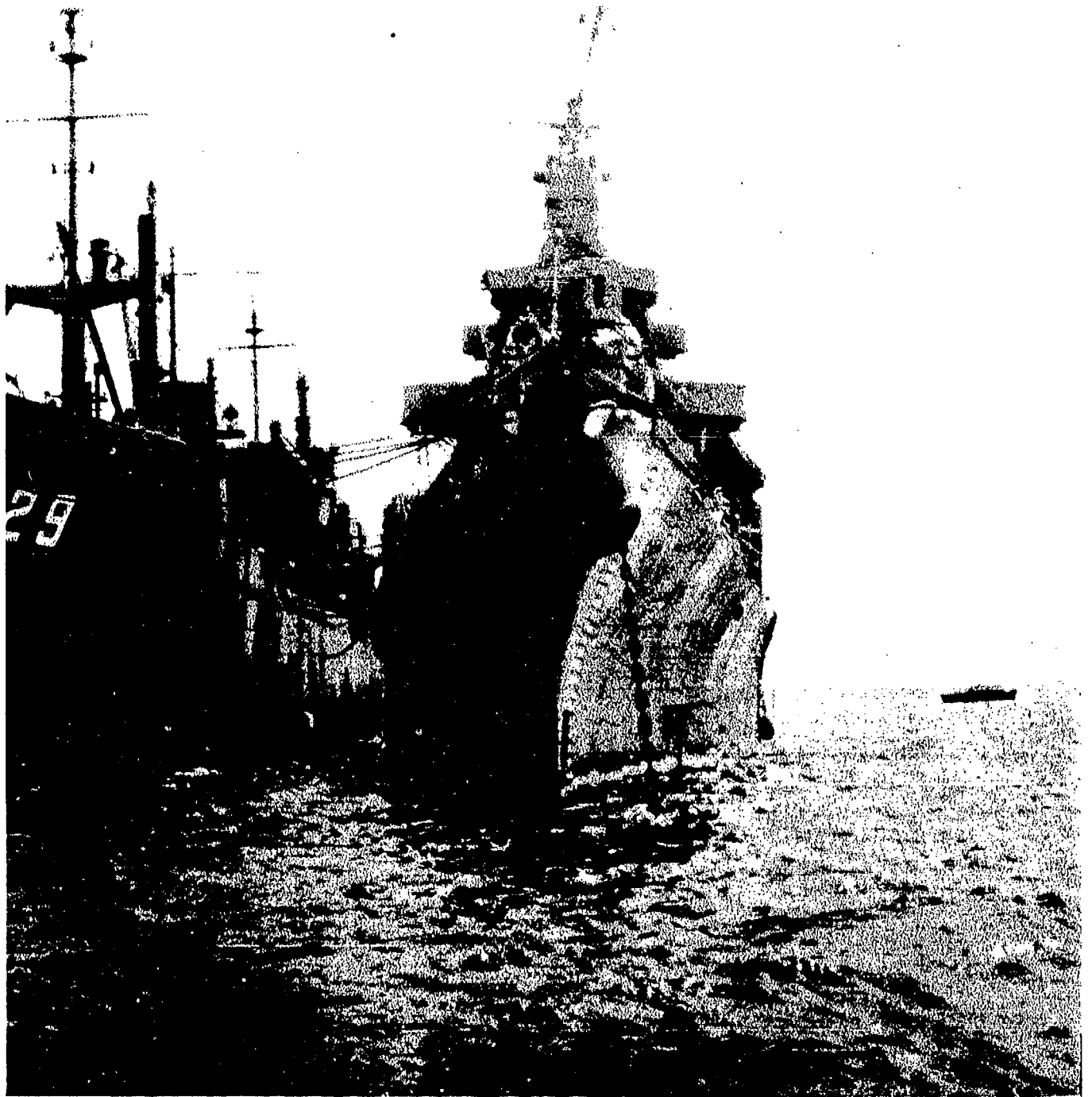
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GROUP 3 1 JAN 1965  
Downgraded at 12 year intervals;  
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AA-CR-227-50-127. View looking at bow.

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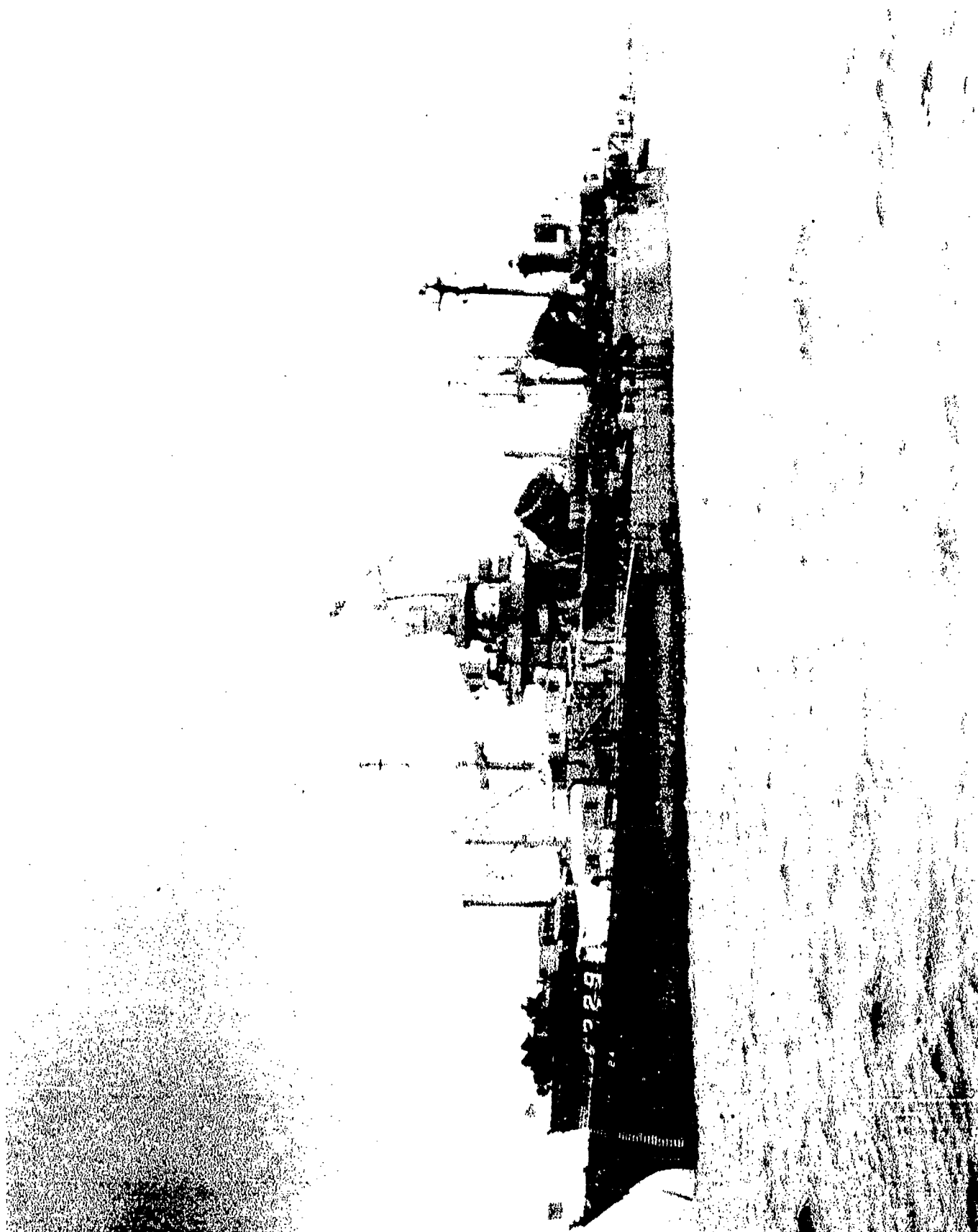
AA-CR-98-1965-3. View from off port bow (forward of after stack).

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AA-CR-227-50-126. View looking at port bow.

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AA-CR-98-1965-2. View from off port beam (forward of No. 4 mount).

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AA-CR-62-1832-2. View from off port beam (aft of No. 1 mount).

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AA-CR-62-1860-3. View from off port beam (midbody and masts).

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AA-CR-98-1965-4. View from off port beam. (after three-quarters).

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AA-CR-227-93-45. View looking at starboard beam.

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AB-CR-79-4073-1. Port quarter showing dishing of shell plating which resulted from Test A.

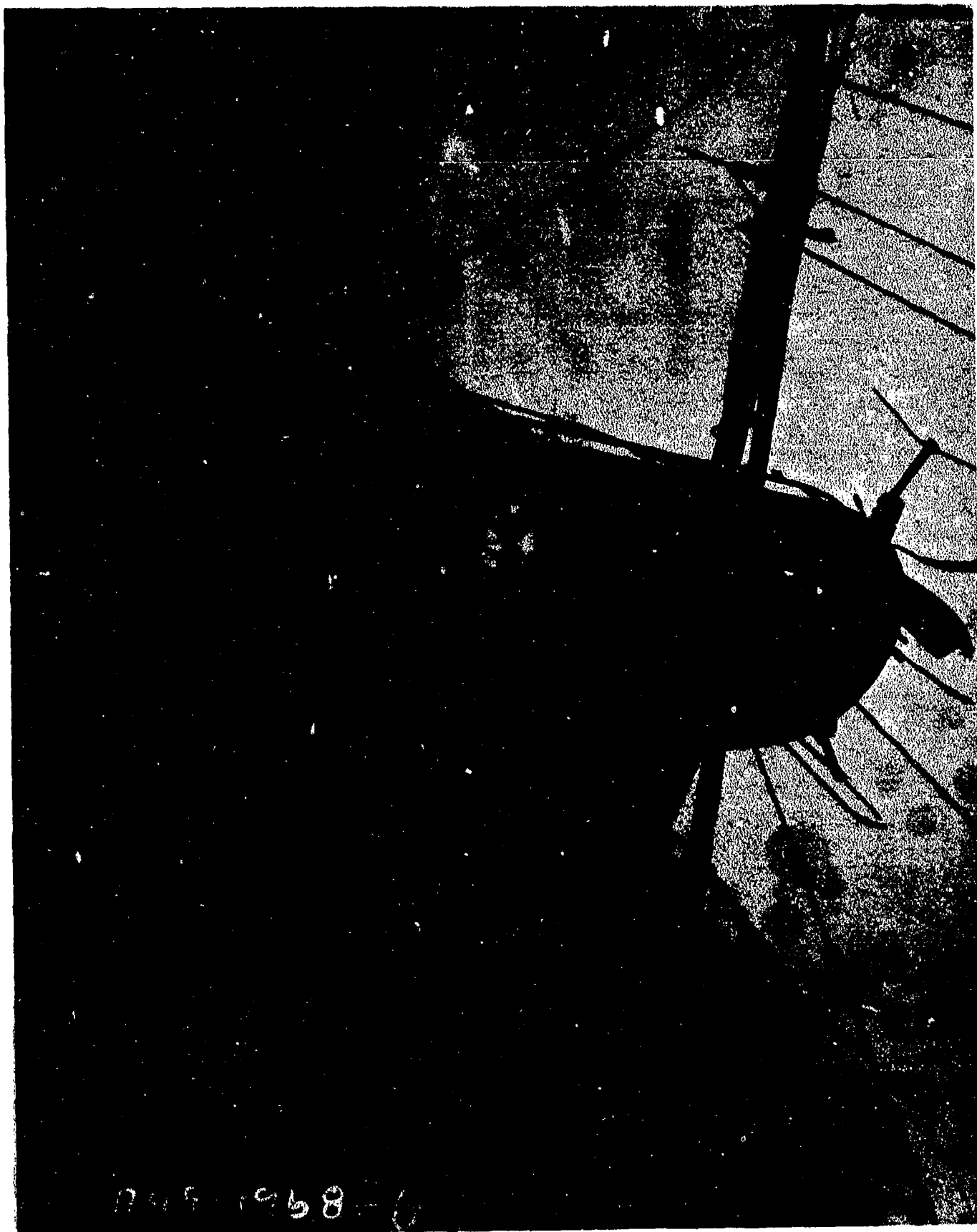
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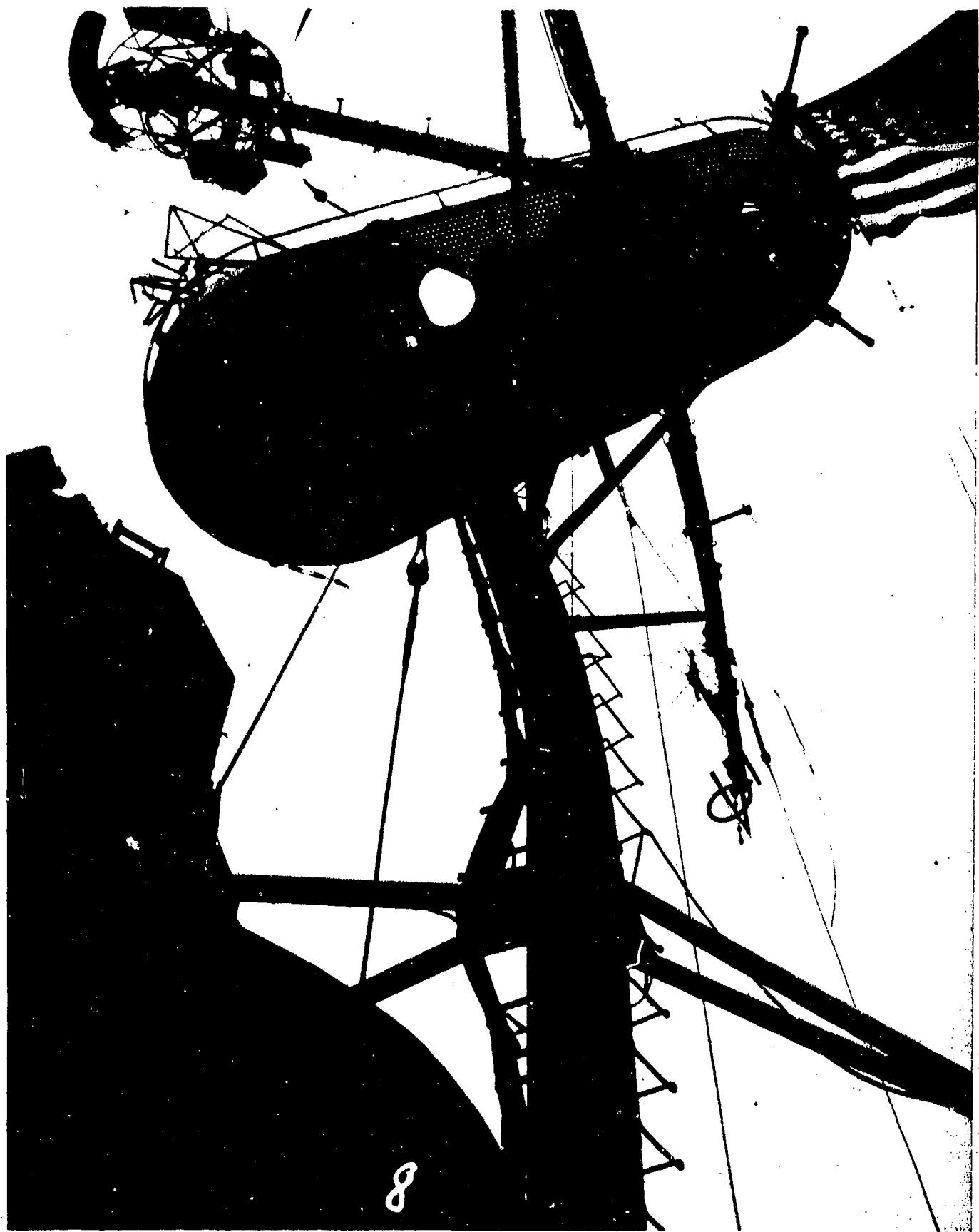
AA-CR-98-1968-6. Looking upward and to starboard at foremast, showing mast bent forward. Note condition of equipment.

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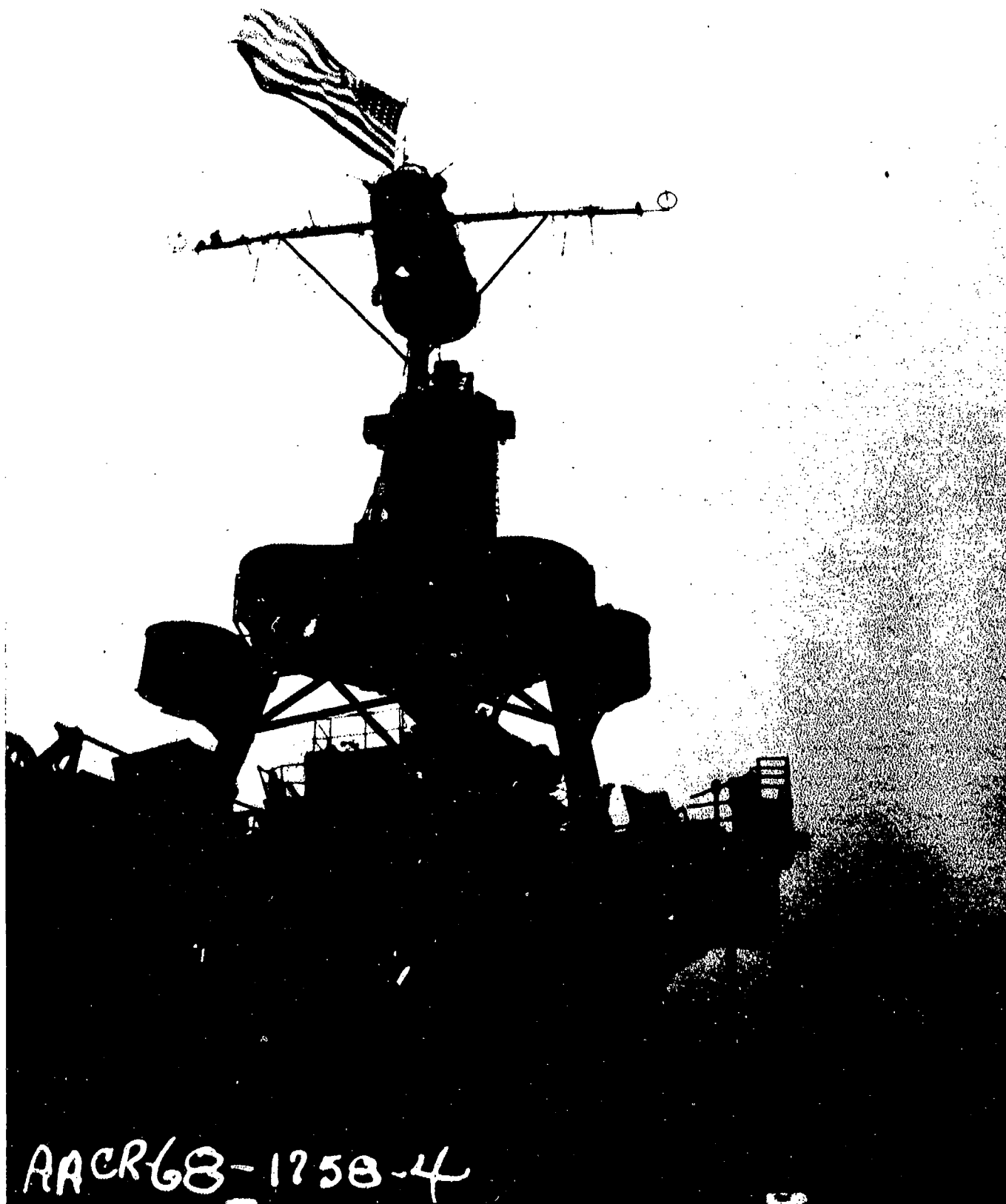
AA-CR-68-1759-8. Forward radar mast and rigging, looking to starboard. Note rigging still in place.

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AA-CR-68-1758-4. Looking forward at forward superstructure from frame 74 starboard side.

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AA-CR-68-1761-12. General view, looking at forward superstructure and radar polemast.

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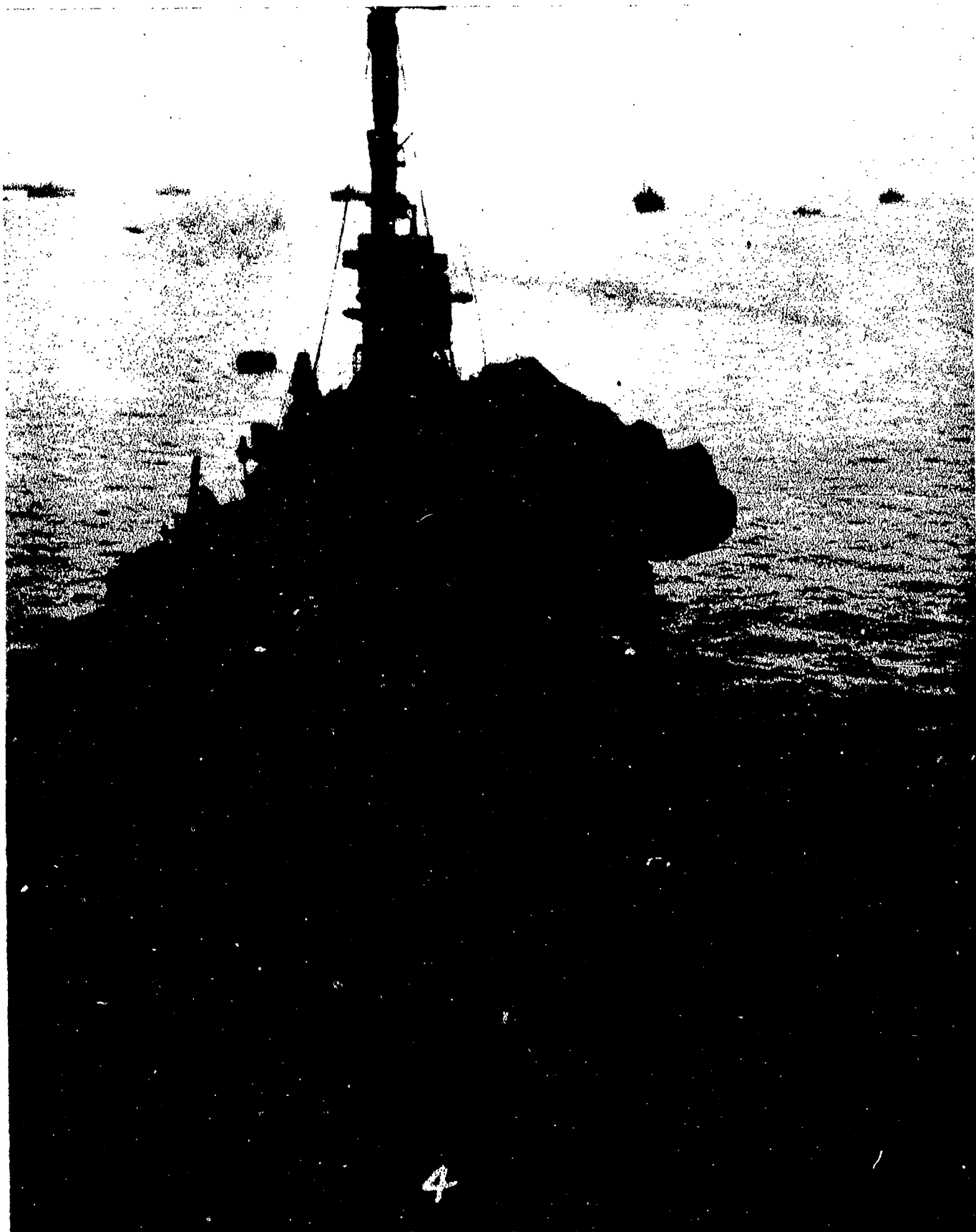
AB-CR-79-2959-10. Main mast looking to starboard from off port beam.

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AA-CR-68-1759-4. Looking aft at mainmast showing yardarm and stays.

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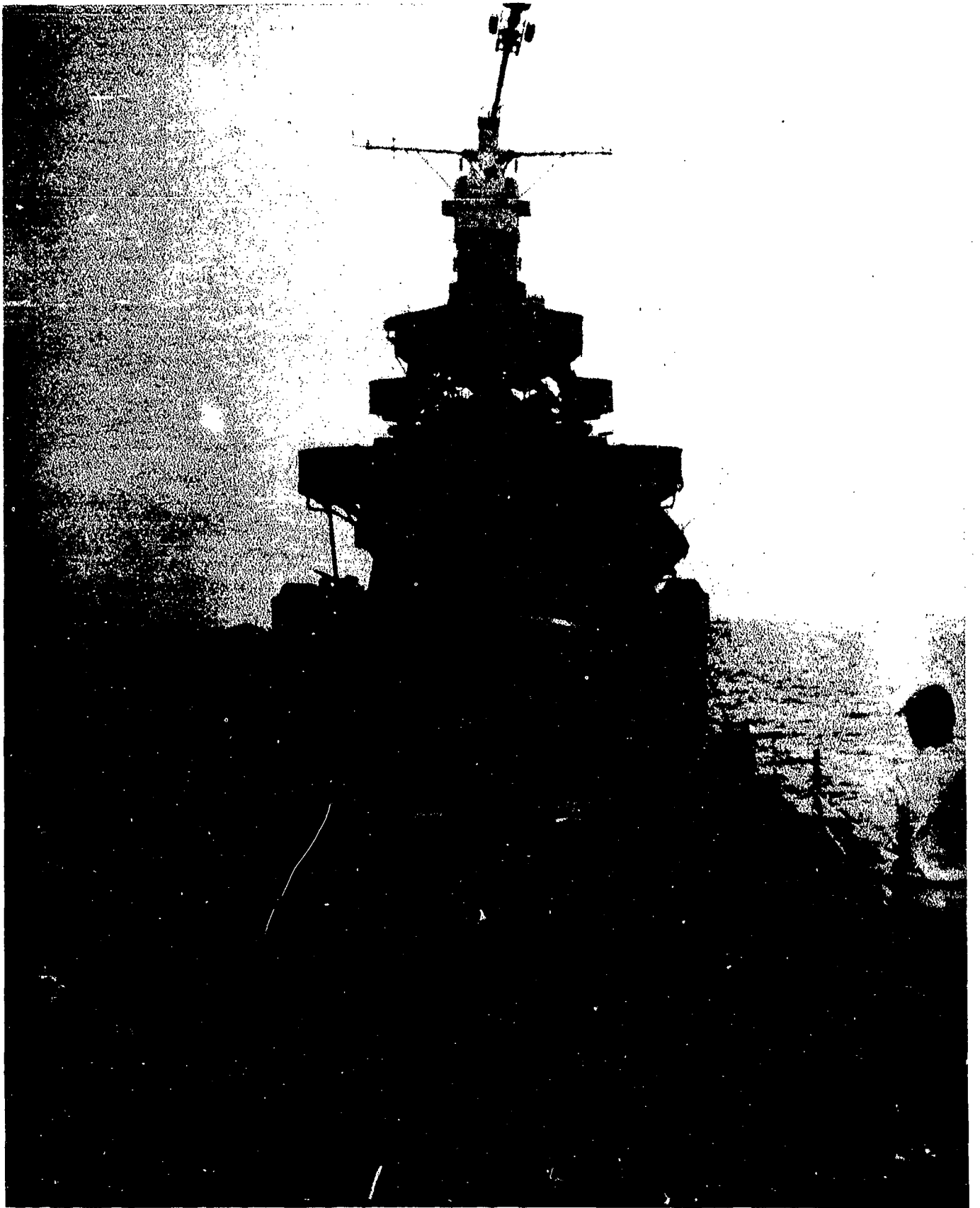
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AA-CR-68-1757-11. Mainmast, strut and stays.

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AA-CR-68-1754-1. Main Deck, forward gun mounts and bridges looking aft from bow.

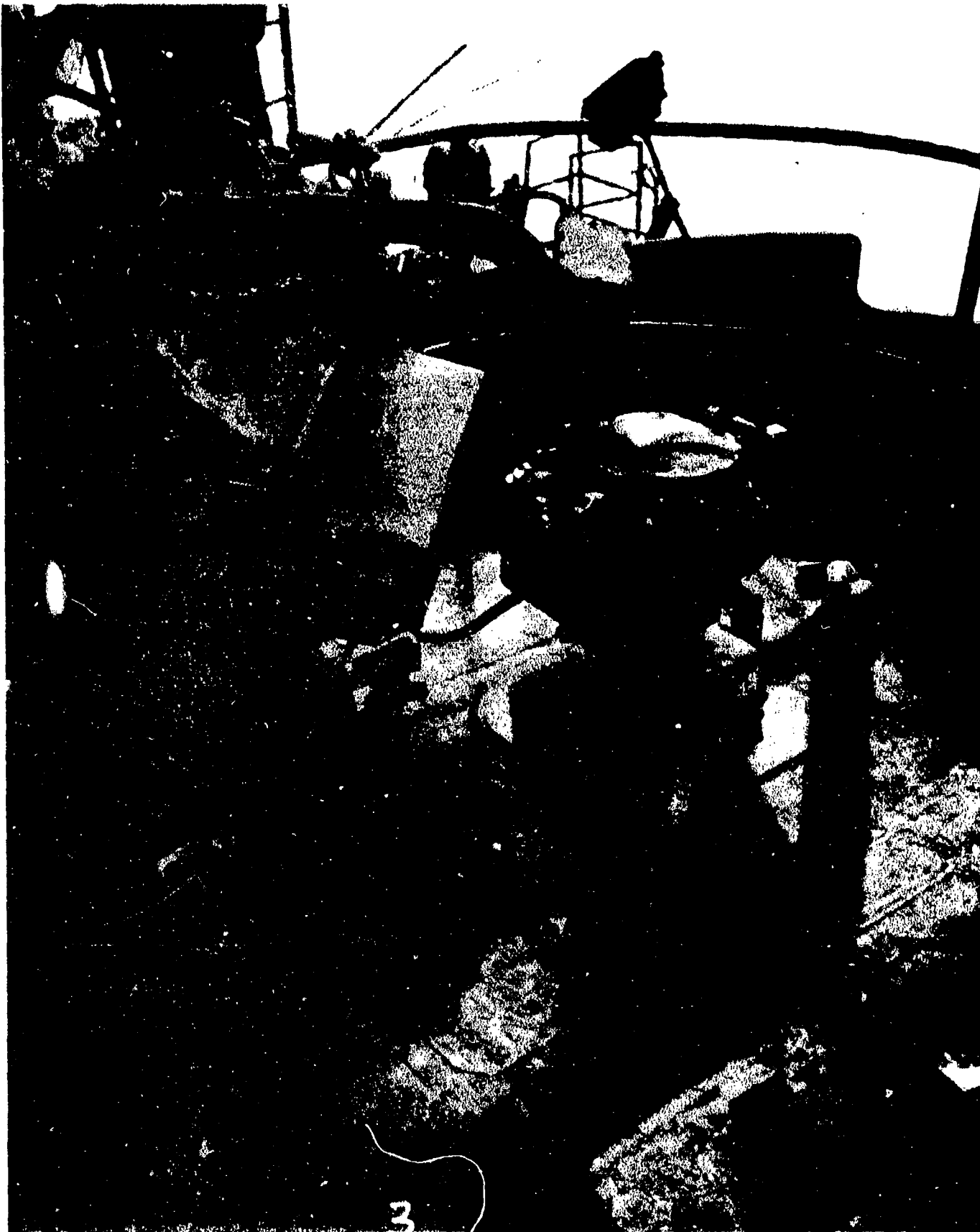
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AA-CR-98-1968-3. Broken pedestal of 24" searchlight, port side of radar control room house top, frame 45.

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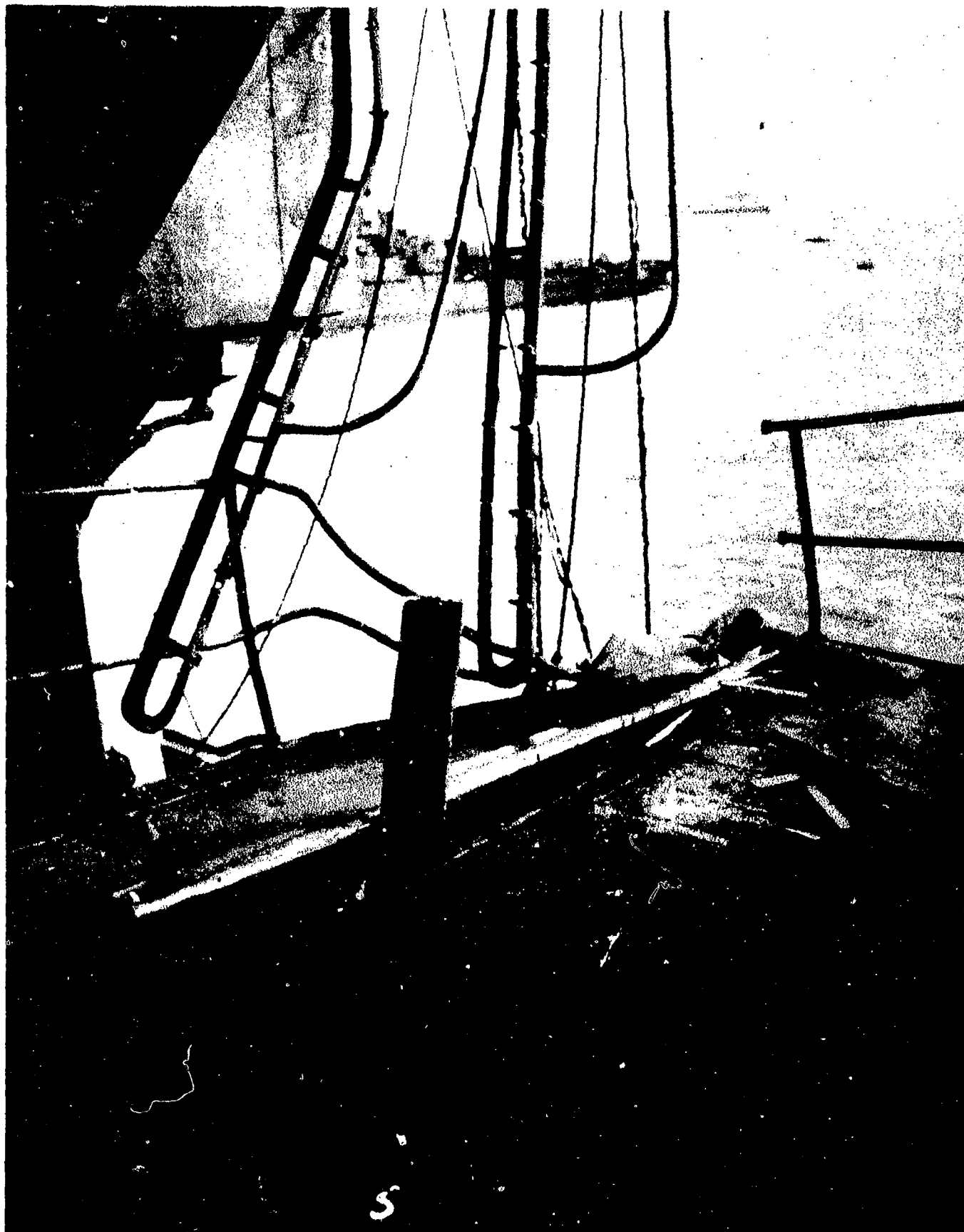
AA-CR-98-1968-4. Cracked pedestal of 24" searchlight, starboard side of radar control room house top, frame 45.

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AA-CR-98-1968-5. Damage to ladder between radar control room house top and forward fire control station platform, frame 49, starboard. Cast aluminum treads failed at connections.

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AA-CR-68-1760-12. Right side of forward 5 inch director showing damage to light dogged door.

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AA-CR-98-1967-11. 5 inch A.A. gun director forward, looking to port at starboard side of director, showing door blown through door frame.

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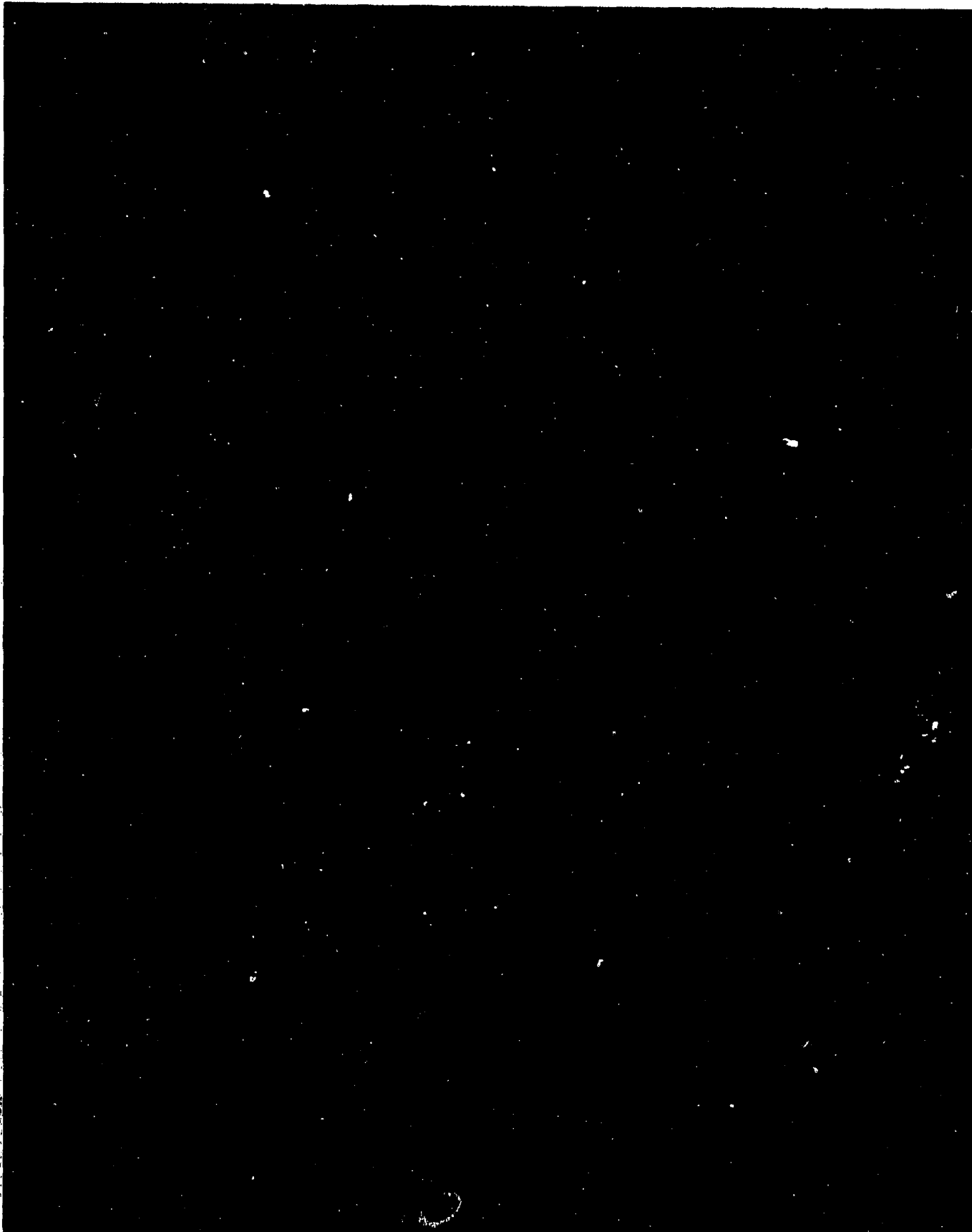


AA-CR-68-1759-9. Mark 33 Director from frame 48 port.

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AA-CR-68-1760-10. Looking aft on starboard side of top of sea cabin and radar control room from about frame 45. Note failure of riveted joint connecting aluminum portion of house top to steel portion (lower left).

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AA-CR-68-1760-9. Looking aft from top of sea cabin and Ready Service room at about frame 48, port side. Note position of stacks.

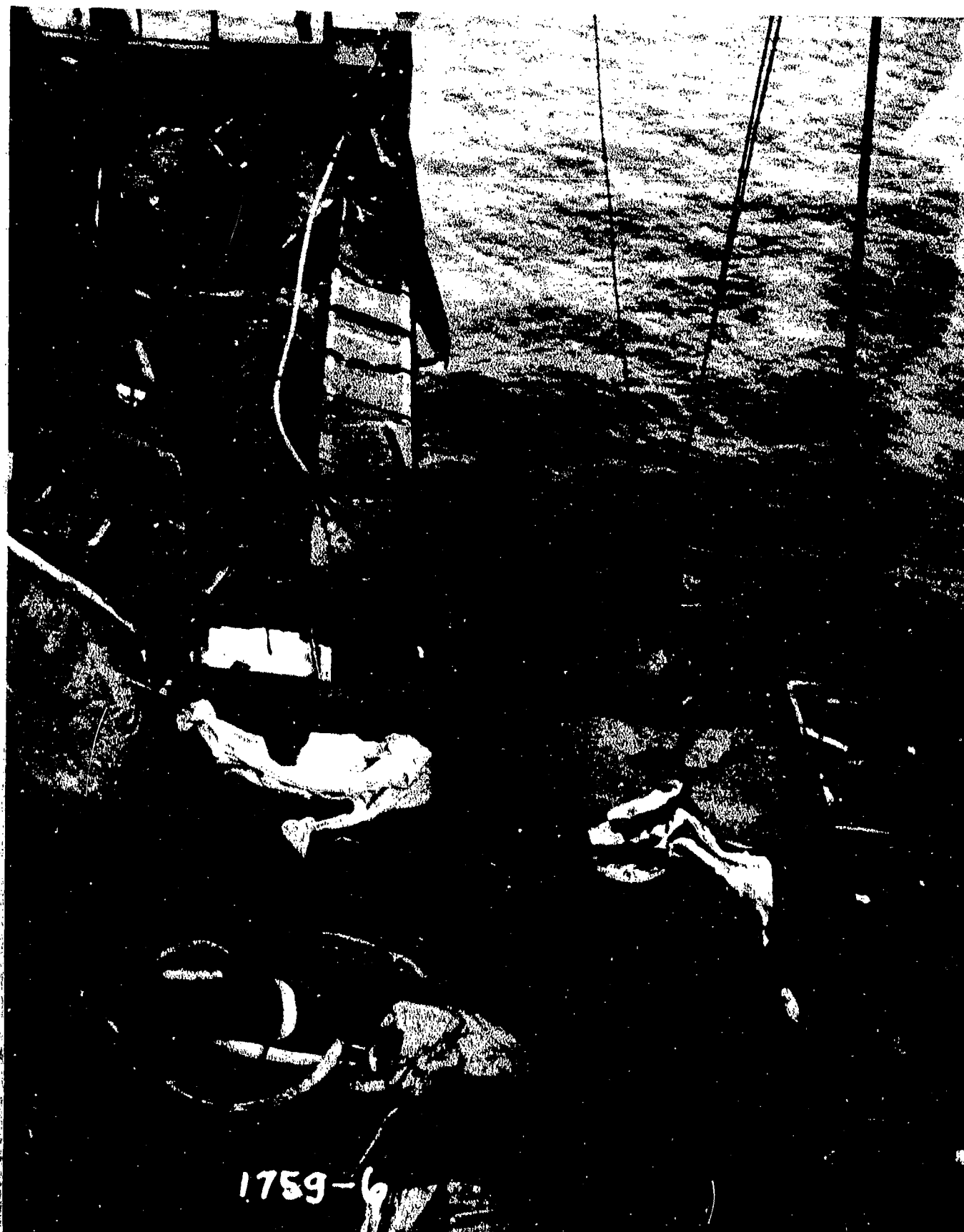
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AA-CR-68-1759-6. General view to starboard on navigation bridge level from frame 48, port.

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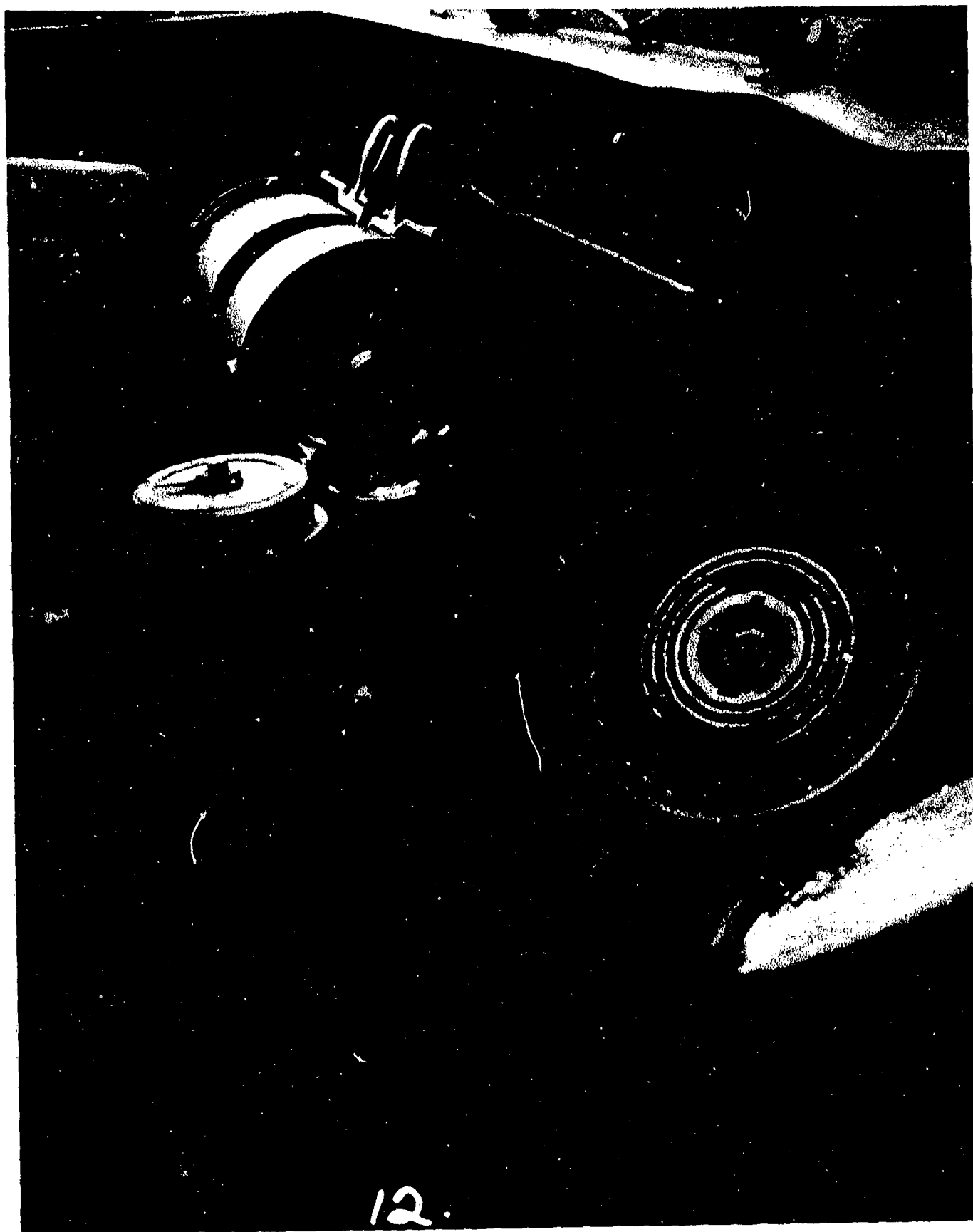
AA-CR-68-1759-11. Navigation bridge, starboard side looking aft at frame 49.

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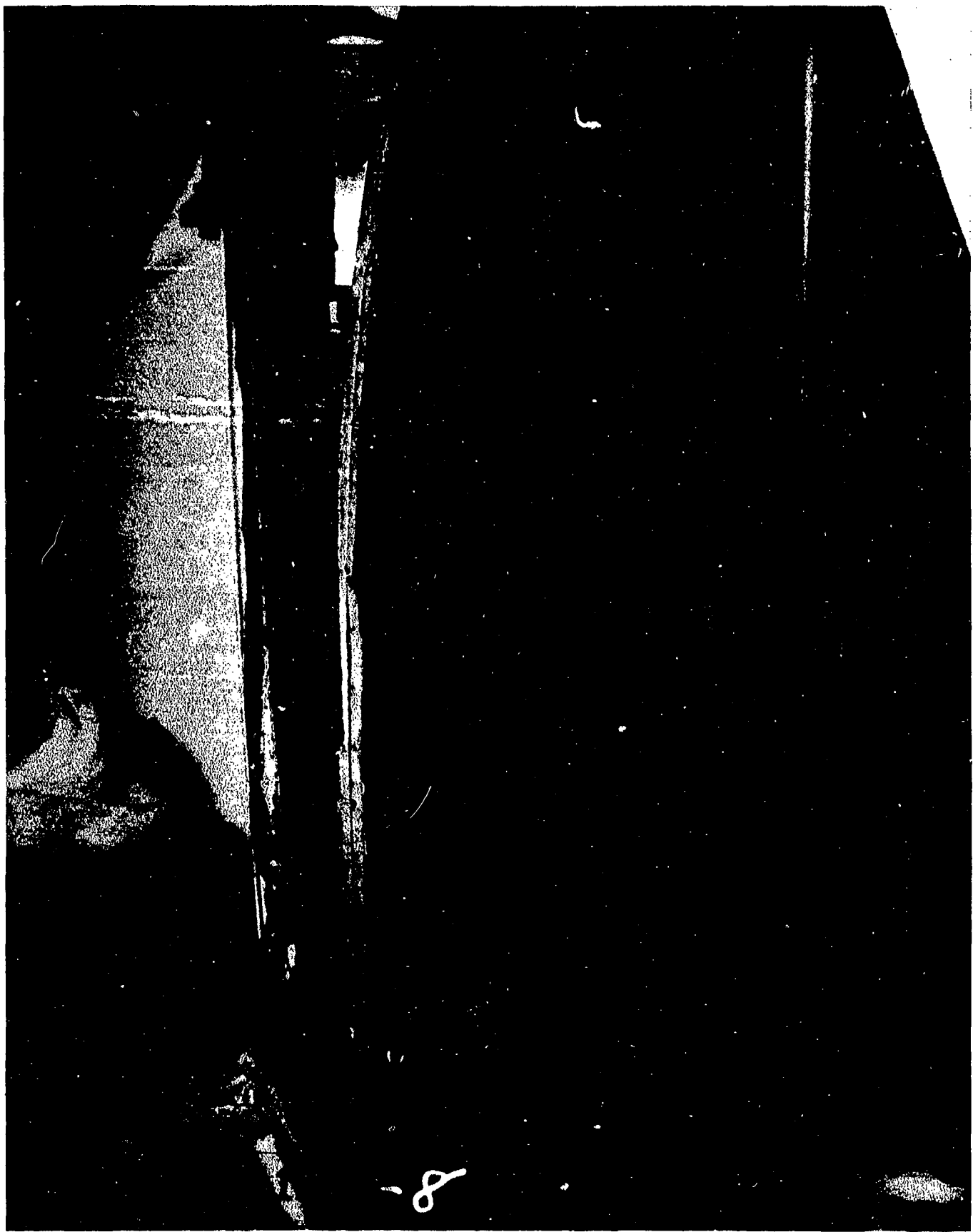
AA-CR-98-1967-12. Navigating bridge, looking forward and to port, showing condition of equipment and bent wind-screen.

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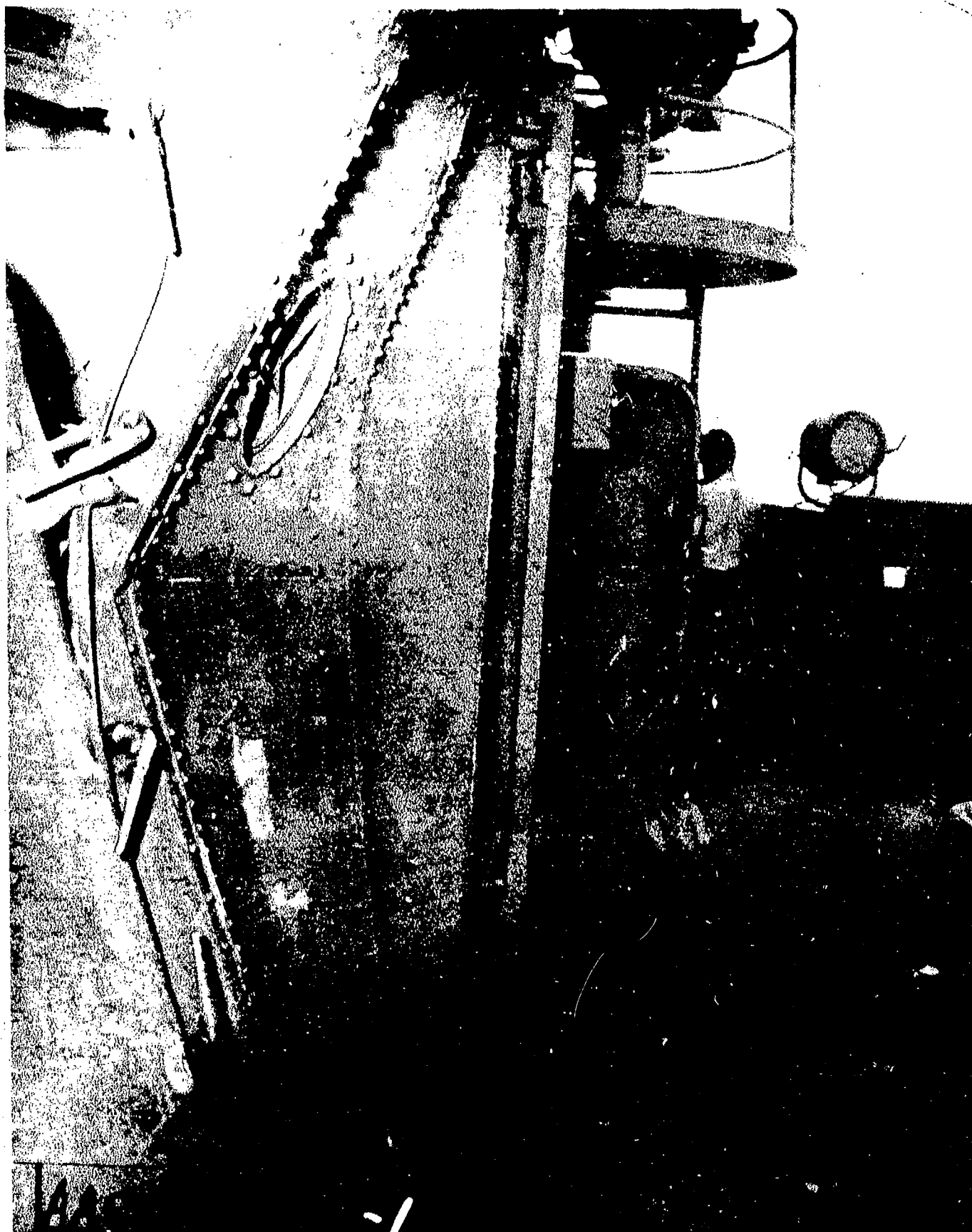
AA-CR-68-1760-8. Port side of signal booth looking to starboard on navigating bridge, frame 49, centerline.

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AA-CR-68-1761-1. Looking forward on starboard side of navigating bridge showing damage to aluminum deck house.

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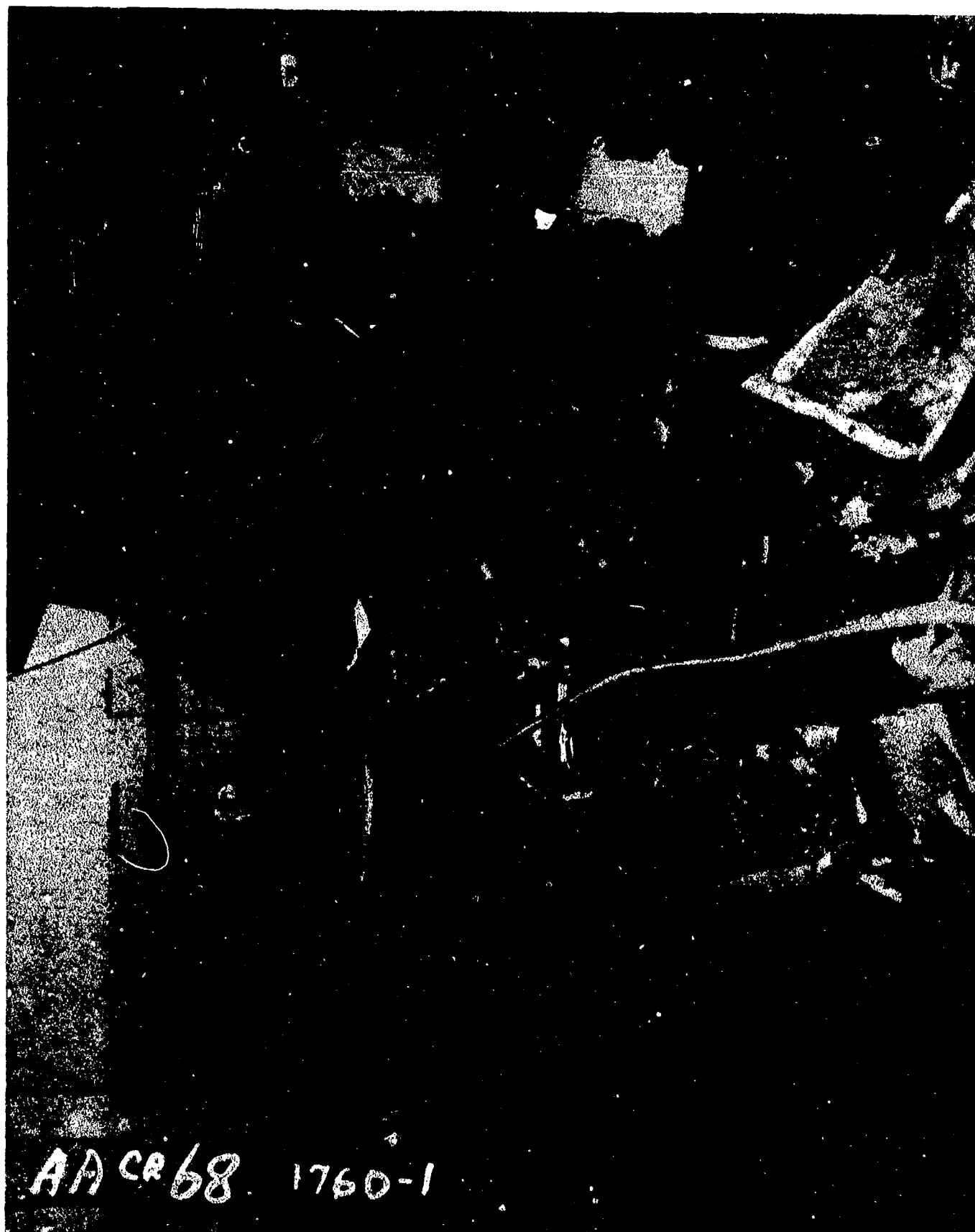
AA-CR-98-1967-10. Damage to starboard after corner of house on navigating bridge level, looking aft and to port from about frame 46. Debris beyond house are remains of starboard flag bag.

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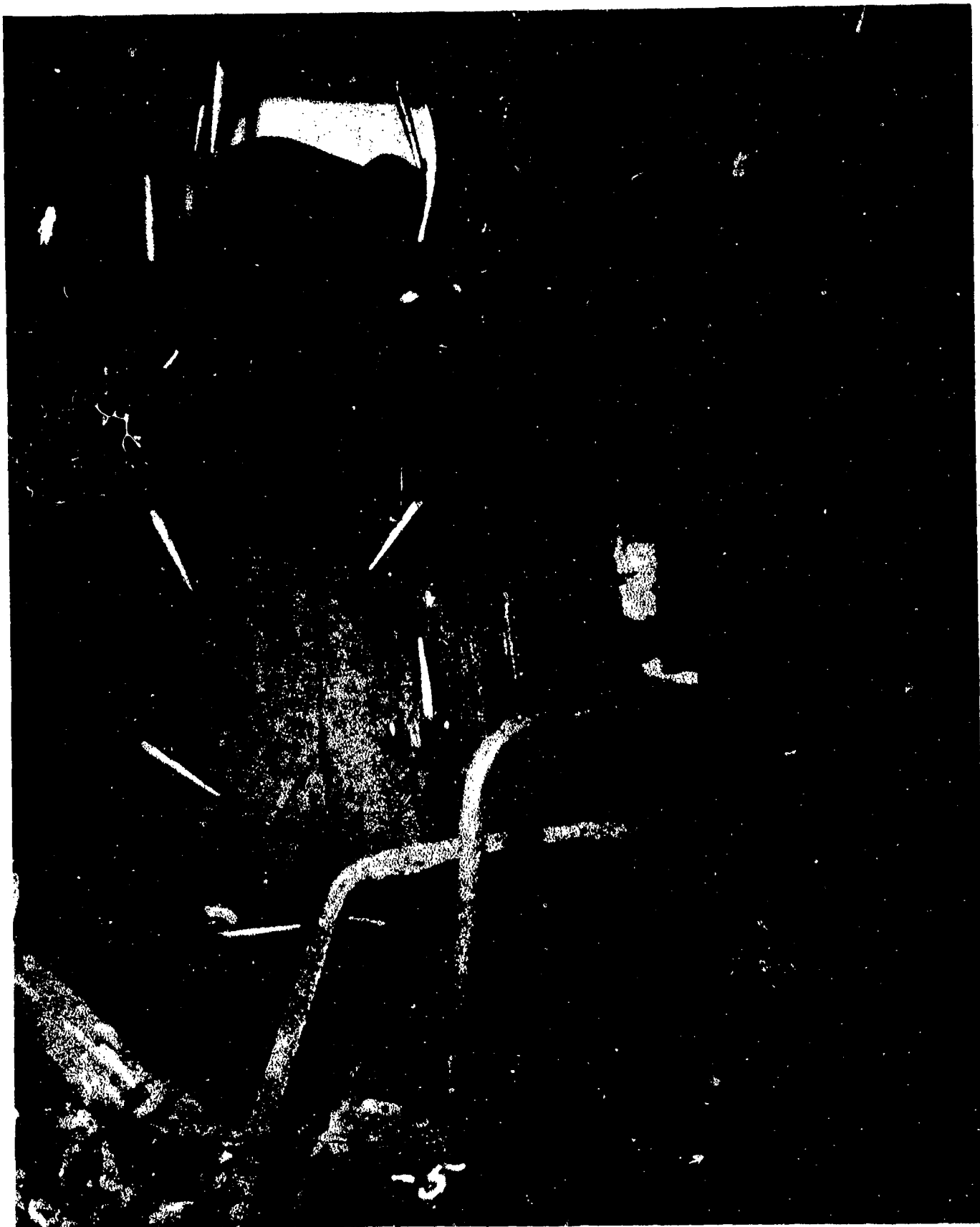
AA-CR-68-1760-1. Navigating bridge, looking to port from frame 50, starboard, showing damage to after portion of navigating bridge level.

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AA-CR-68-1760-5. Navigating bridge, showing diagonal after face of star-board side of deck house.

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AA-CR-98-1968-2. Demolished port flag bag on navigating bridge level, looking to port and aft from about frame 49, centerline. Flag bag and railing have been blown forward. Structure at upper left is forward smoke stack.

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AA-CR-98-1968-1. Emergency cabin on port after side of navigating bridge level, looking forward and to starboard. Cabin bulkhead is aluminum. Note piece of port flagbag at lower right.

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AA-CR-68-1759-1. Looking down vertically on port flag bag at frame 50. Bag is completely demolished.

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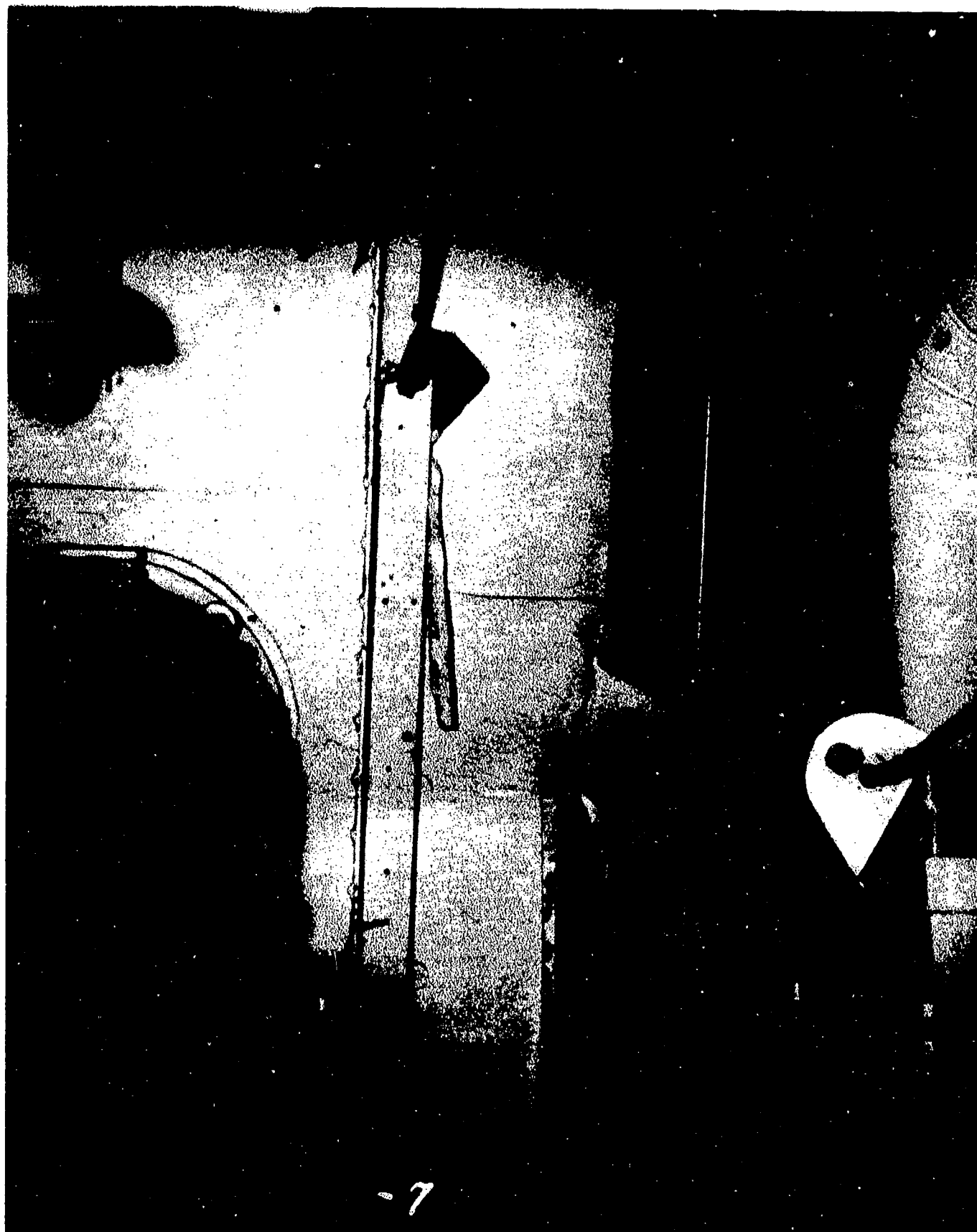
AA-CR-68-1760-11. Remains of flag bag on port side of after edge of navigation bridge, frame 50.

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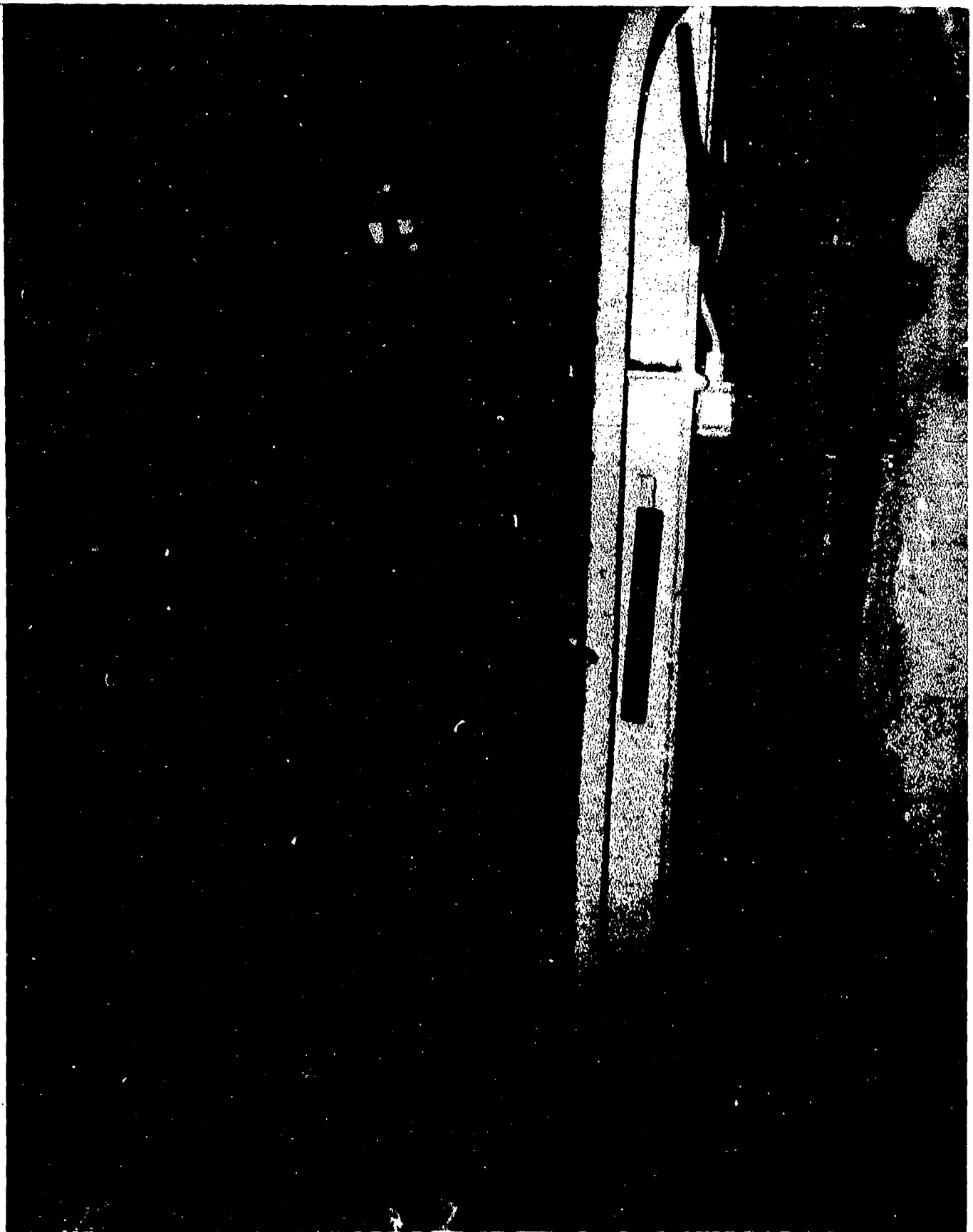
AA-CR-68-1760-7. Break in aluminum bulkhead seam, port side of deck-house on navigating bridge.

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AA-CR-68-1761-2. Emergency platform, athwartships passageway at frame 48, looking to port, between radar transmitter room (left) and chart house (right).

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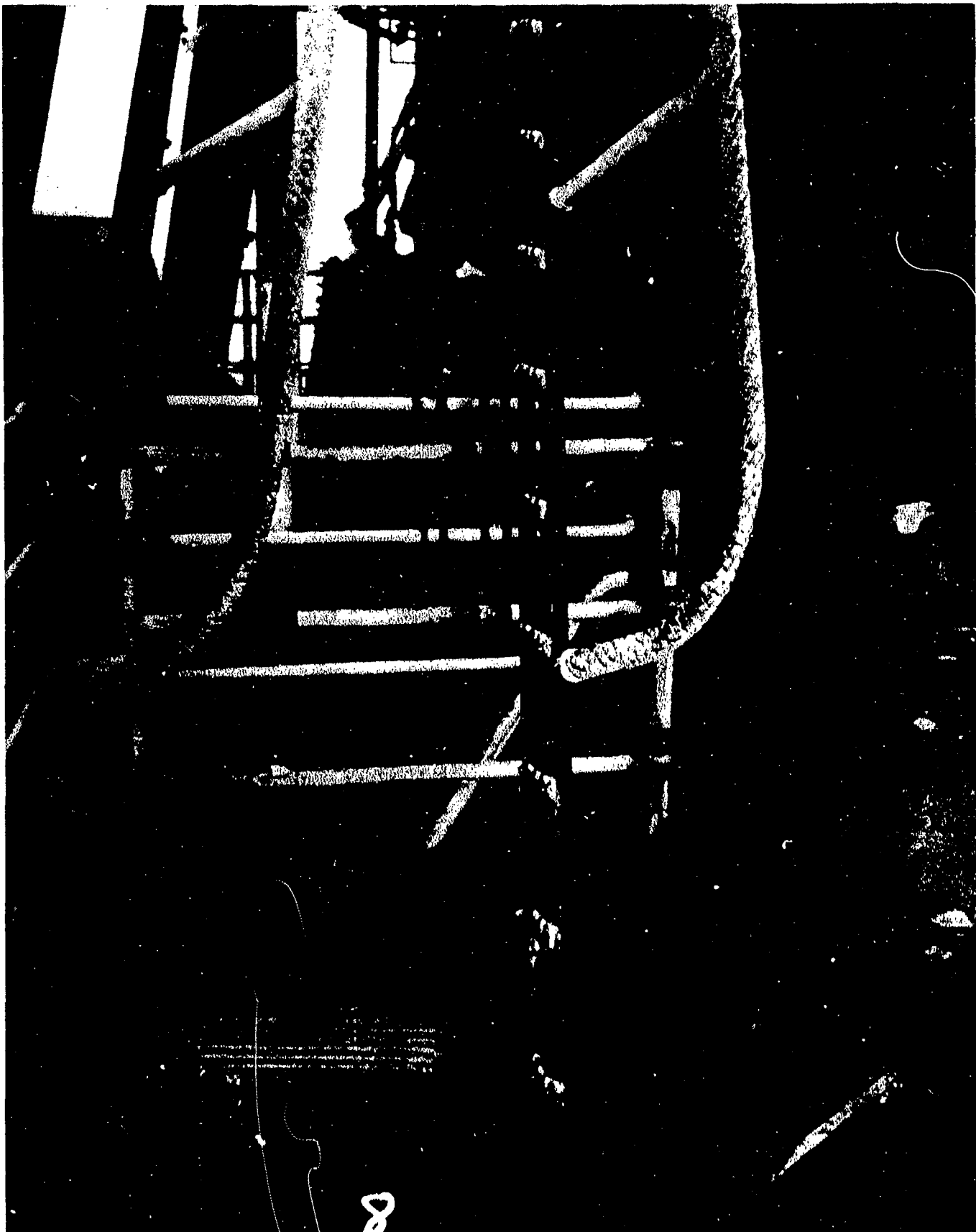
AA-CR-68-1758-12. After portion of communication platform looking to port, taken from approximately frame 49.

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AA-CR-98-1967-8. Damage to ladder between communication platform and emergency platform, frame 48, starboard side. Cast aluminum treads failed at connections.

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AA-CR-68-1761-6. Damaged joiner door to captain's cabin on port side of superstructure deck.

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AA-CR-68-1761-8. Damaged vent duct in passage on superstructure deck, frame 50. This duct exhausts battery room below.

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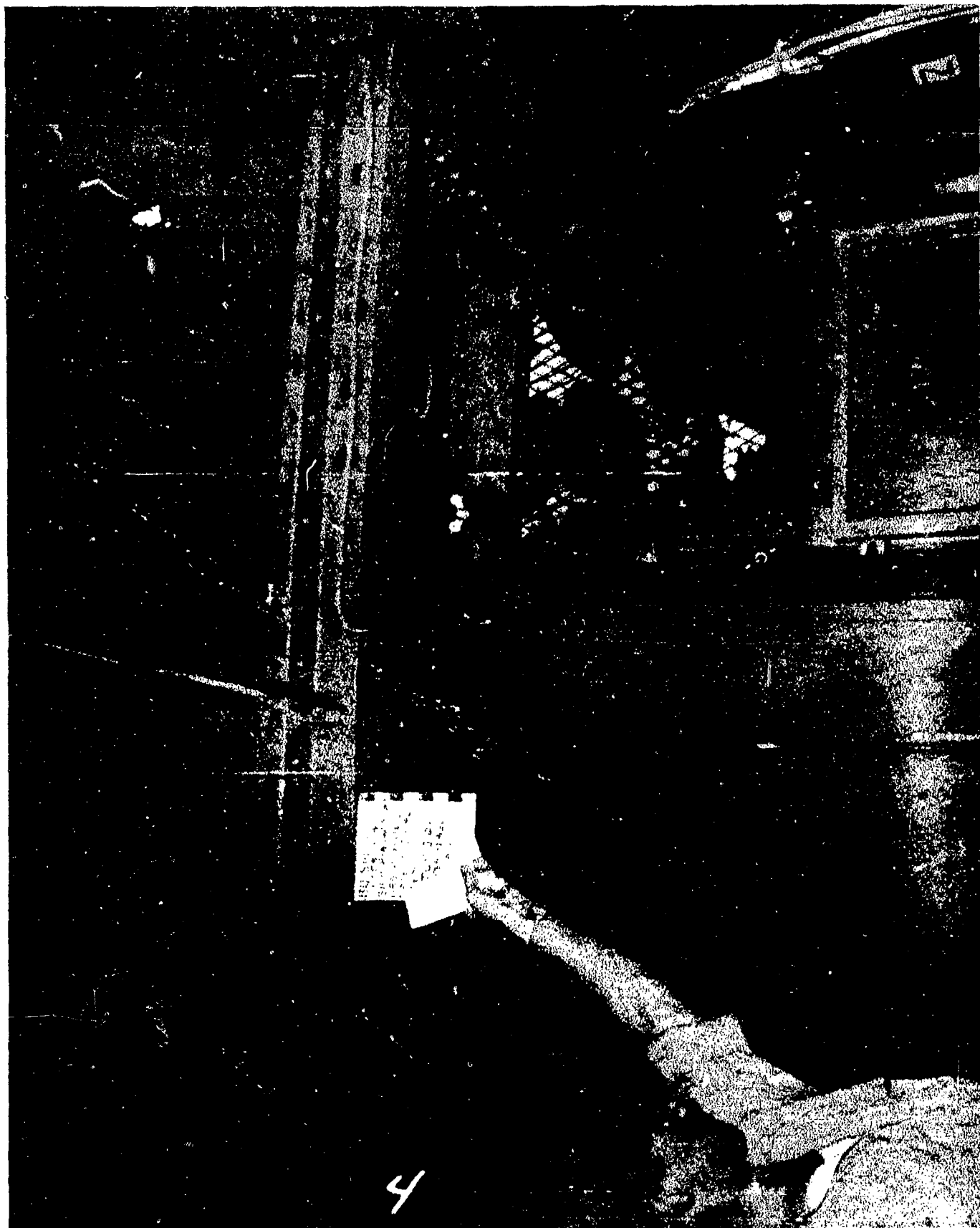
AA-CR-68-1761-4. Interior view of trunk at main deck level, frames 46-47, looking to port. Note inward deflection of trunk bulkhead 47.

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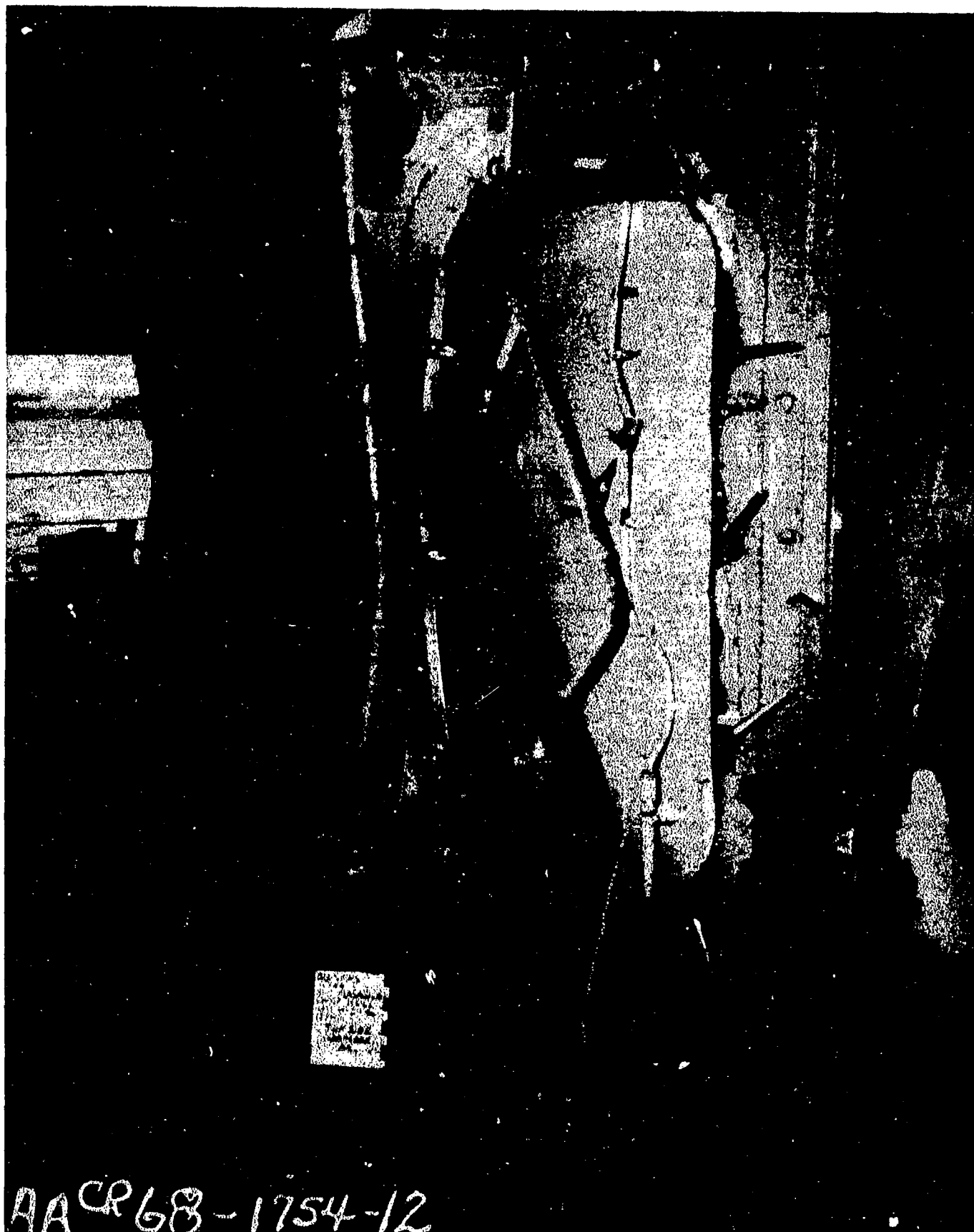
AA-CR-68-1754-4. View on main deck, port side, looking forward to bulkhead 46 showing overhang of superstructure deck pulled away from deck beam at frame 47.

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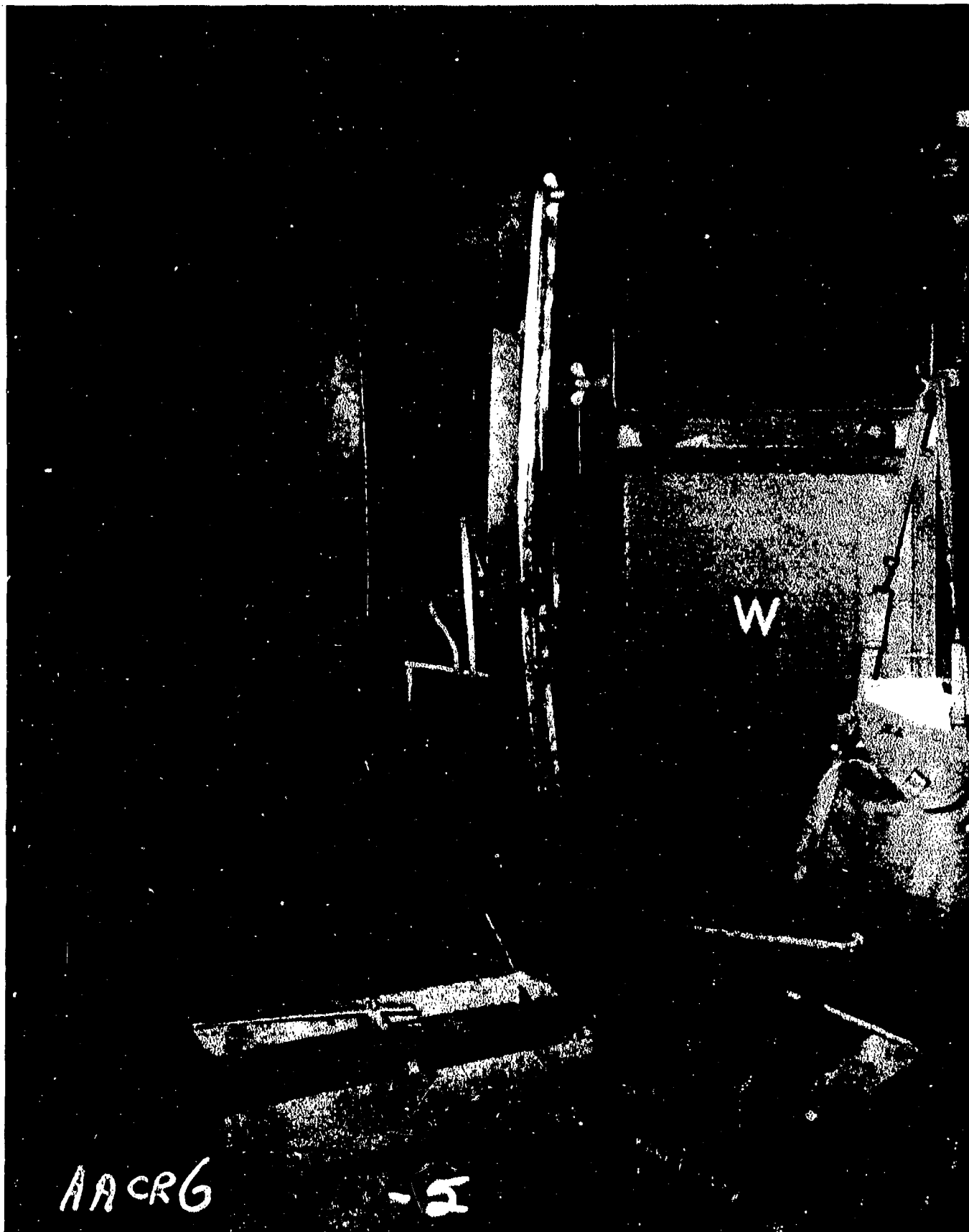
.AA-CR-68-1754-12. Ladder trunk, main deck, frames 46 - 47, starboard, looking to port.

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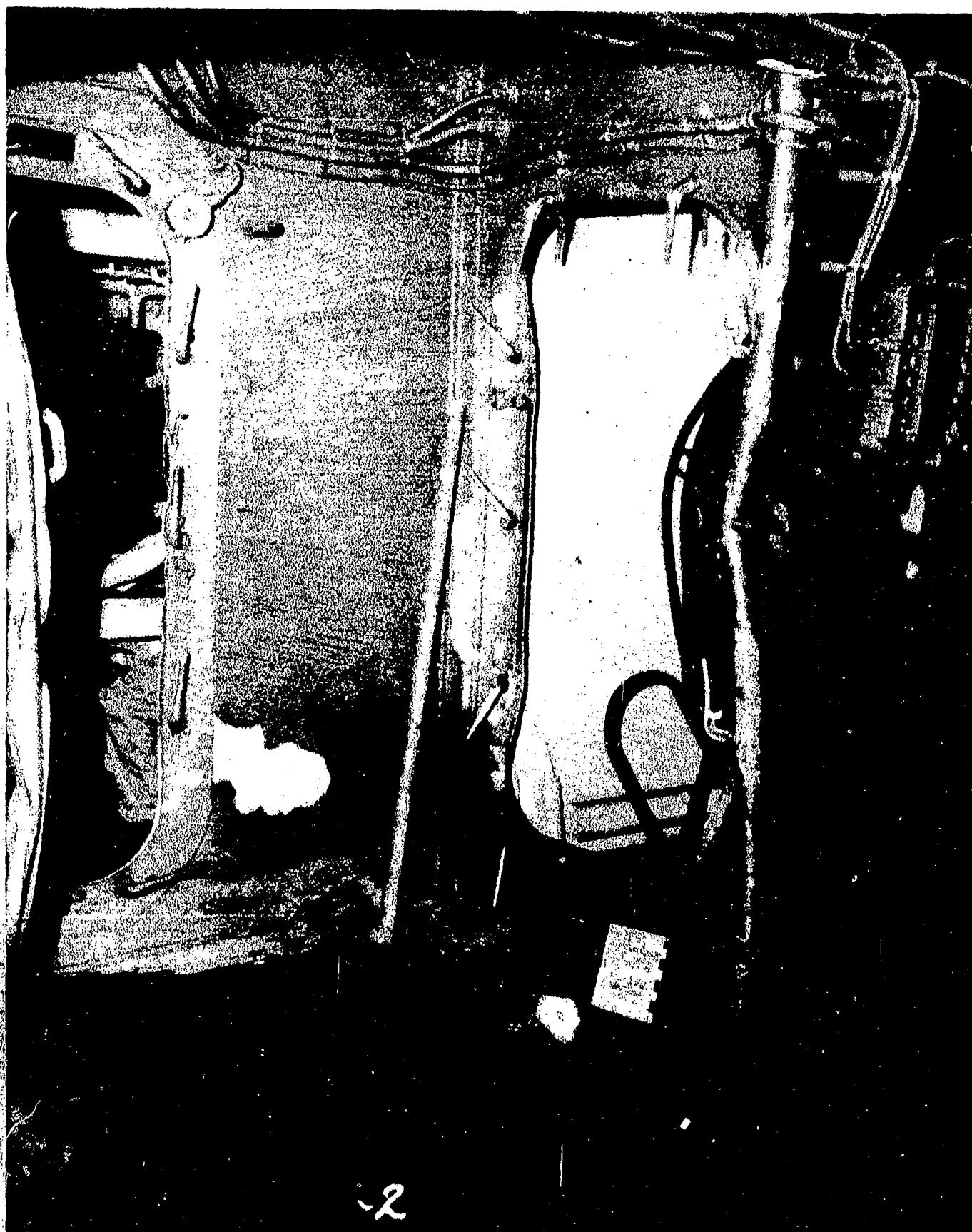


AA-CR-68-1761-5. View of damage to quick acting watertight door leading into Wardroom, frame 46, starboard, main deck looking forward.

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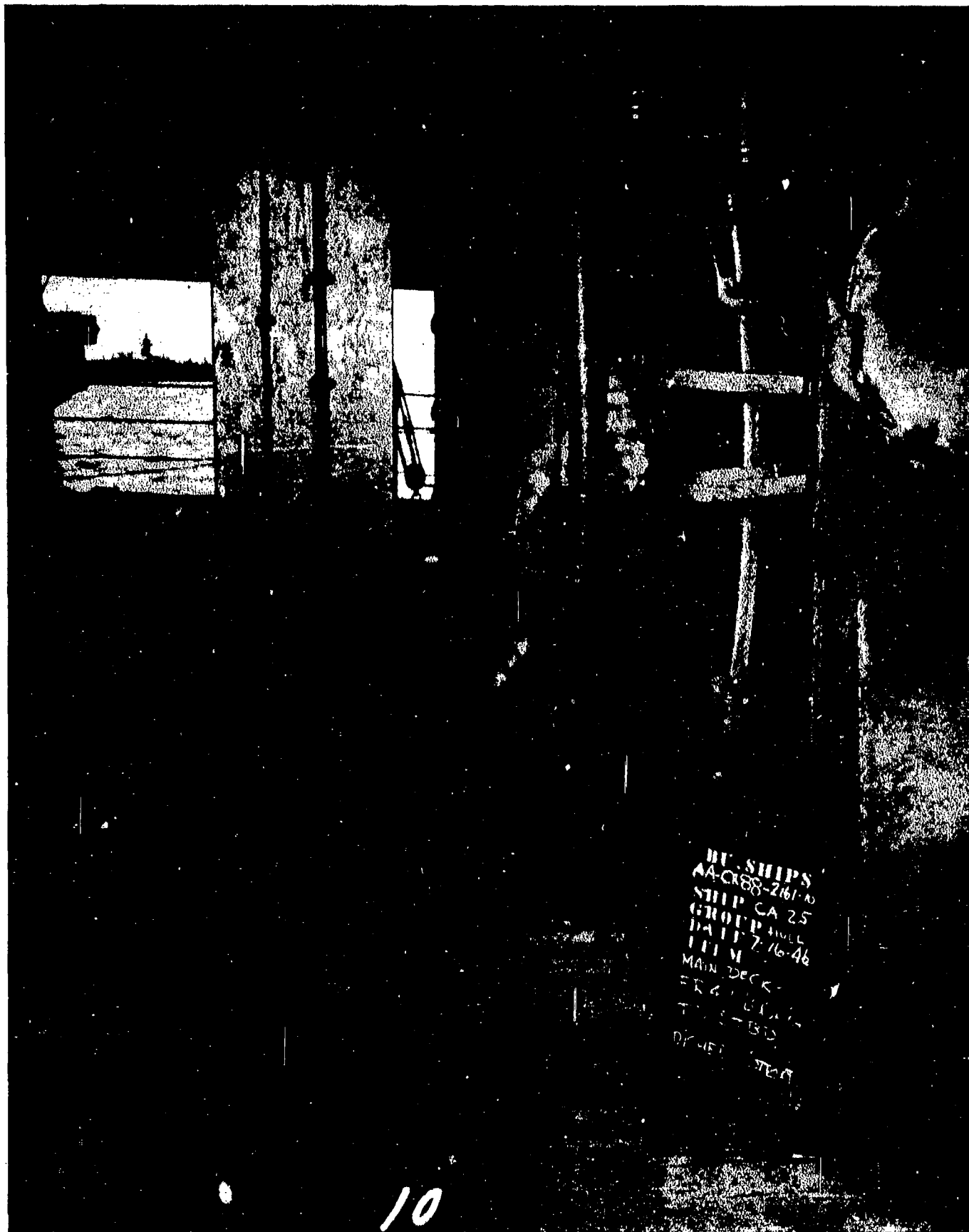
AA-CR-68-1754-2. View on main deck, port side, looking forward and to starboard, showing damage to bulkheads 46 and trunk bulkhead 47.

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AA-CR-88-2161-10. Looking to starboard at bulkhead 49, main deck, showing dished door.

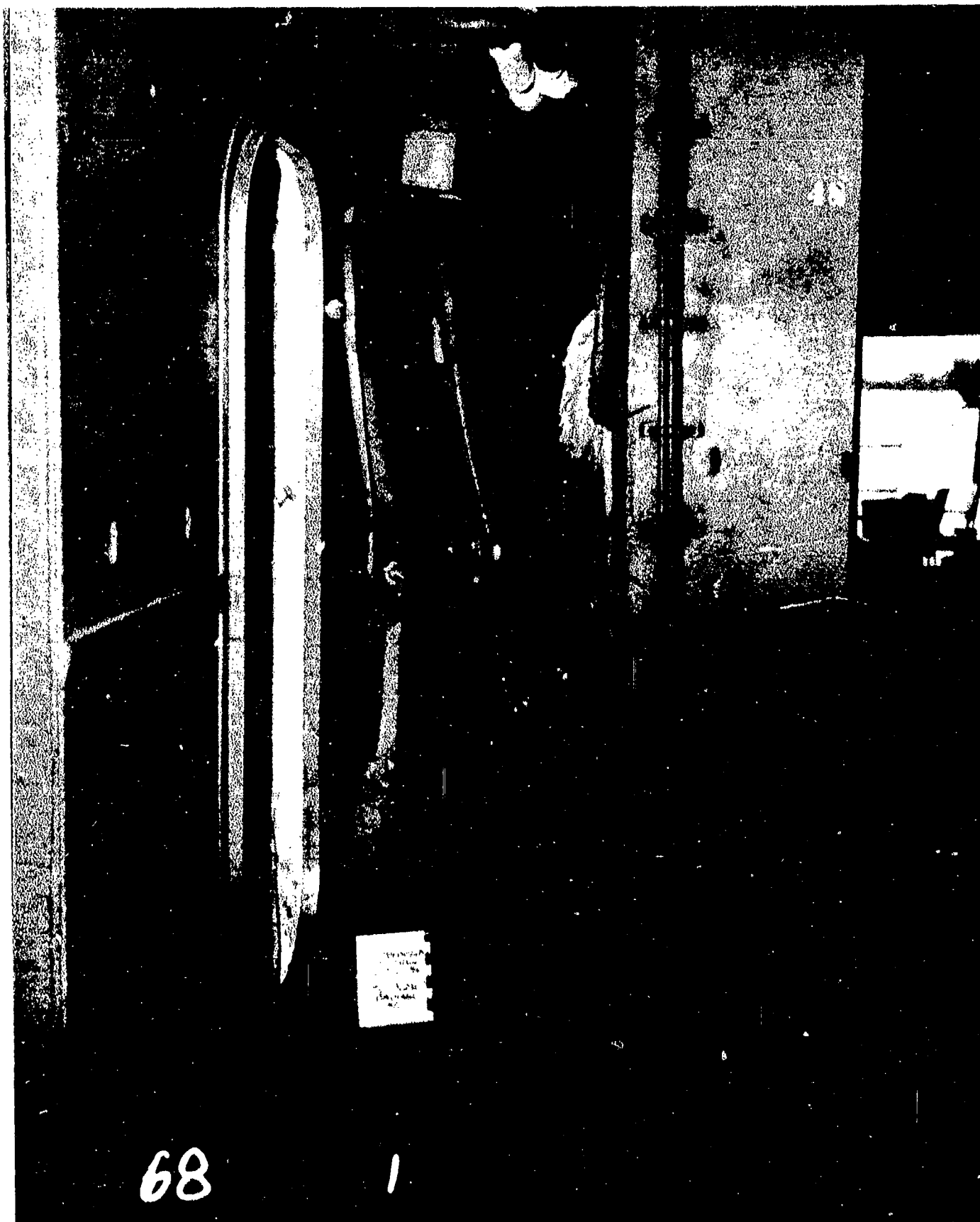
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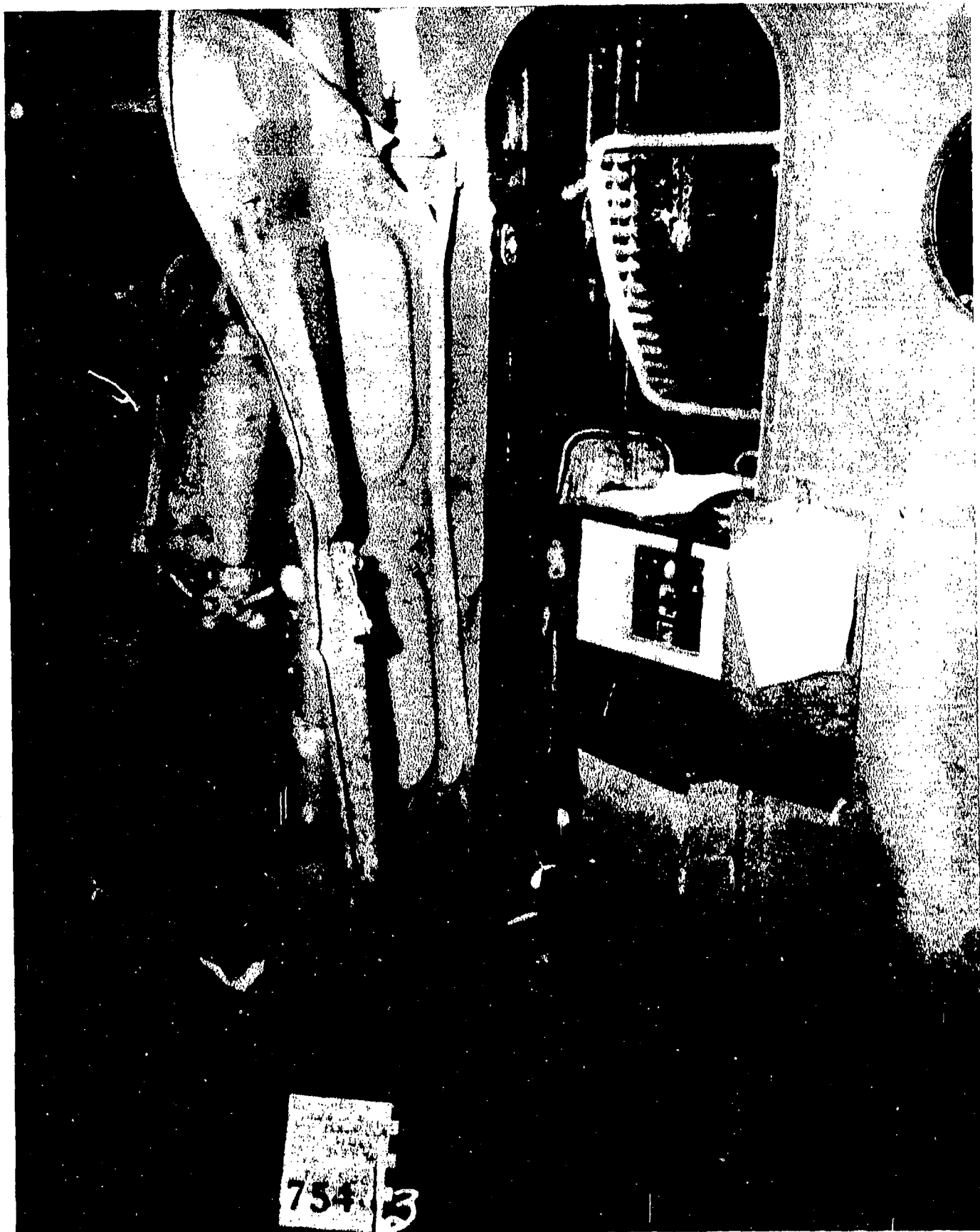
AA-CR-68- 1755-1. Looking to port on main deck showing damaged doors in bulkhead 49.

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AA-CR-68-1754-3. Damage to door in bulkhead 49 on port side of main deck looking aft and to starboard.

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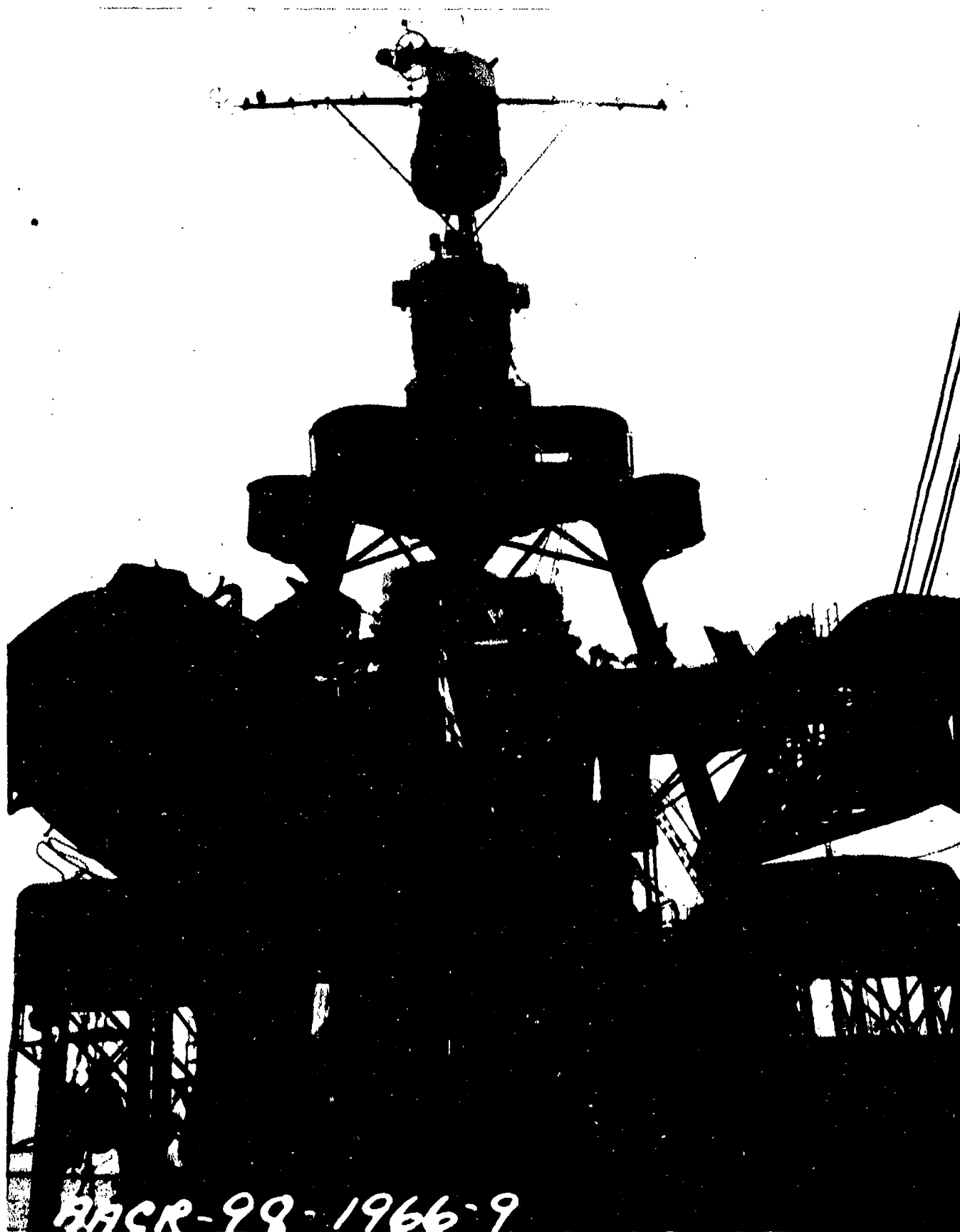
AA-CR-98-1966-8. View of forward stack and foremast structure, looking forward on port side.

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AA-CR-98-1966-9. View of after side of forward superstructure showing damage to forward stack and bridge area.

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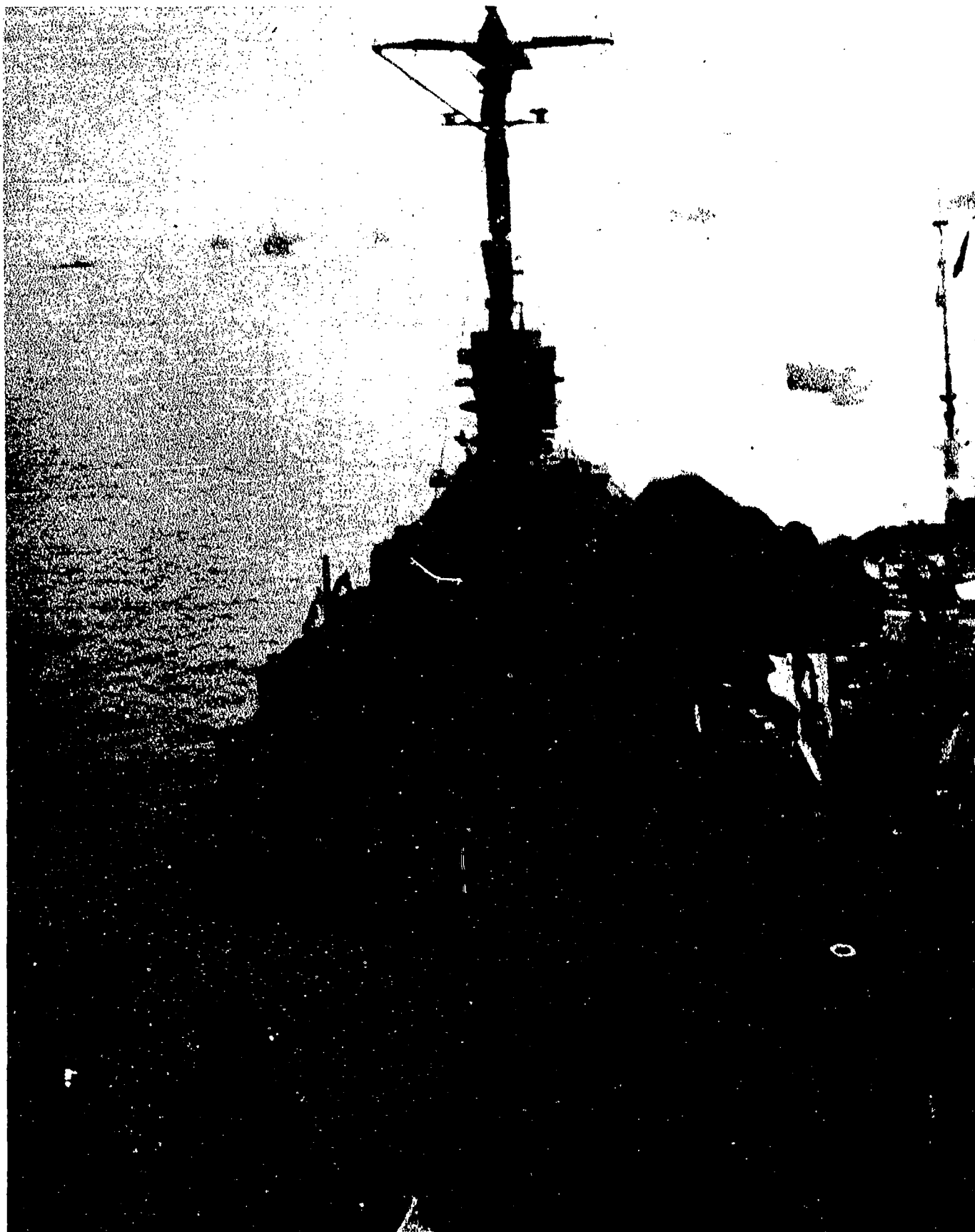
AA-CR-98-1968-8. Looking down and aft from fire control platform showing damage to starboard side of forward stack.

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AA-CR-98-1968-7. General view looking aft.

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AA-CR-98-1967-7. Looking aft from communication platform. Base of forward stack is at lower right.

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AA-CR-98-1967-9. Looking aft from navigating bridge.

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AA-CR-98-1966-7. Damage to after stack from starboard side of main deck at frame 60, looking aft.

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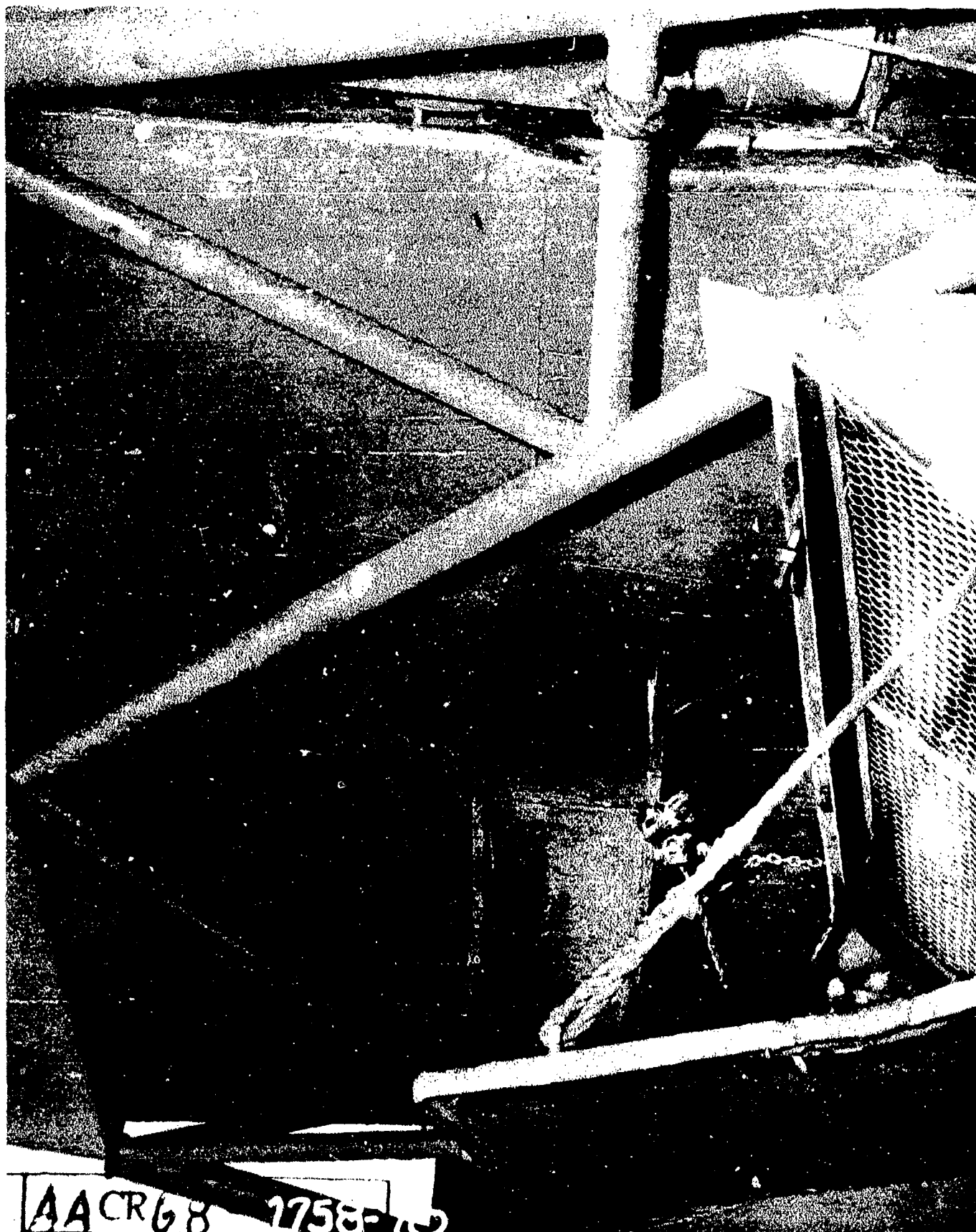
AA-CR-68-1758-7. Galley skylight looking to starboard on superstructure deck from frame 75.

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AA-CR-68-1758-10. Forward face of emergency radar and fire control station, frame 85, superstructure deck. Pipe bracing supports a clipping room and searchlight platform above. Note collapsed bulkhead by pressure differential. This room was sealed off and all sides were similarly dished.  
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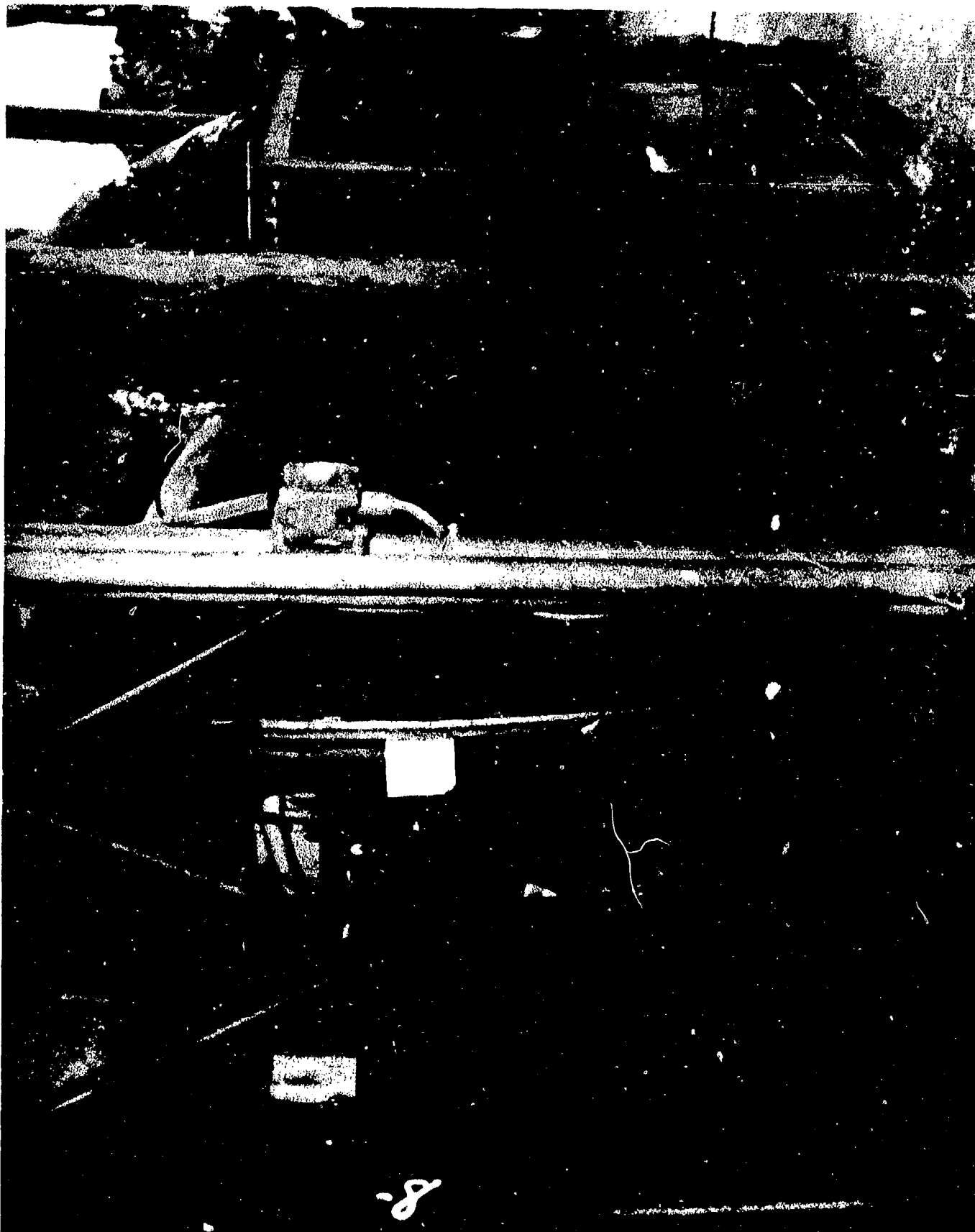
AA-CR-65-1851-4. Galley skylight on superstructure deck, frame 84-85, looking to starboard. Note searchlight at left which fell about 22 feet to skylight. Superstructure deck has been pushed down along the forward edge of skylight.

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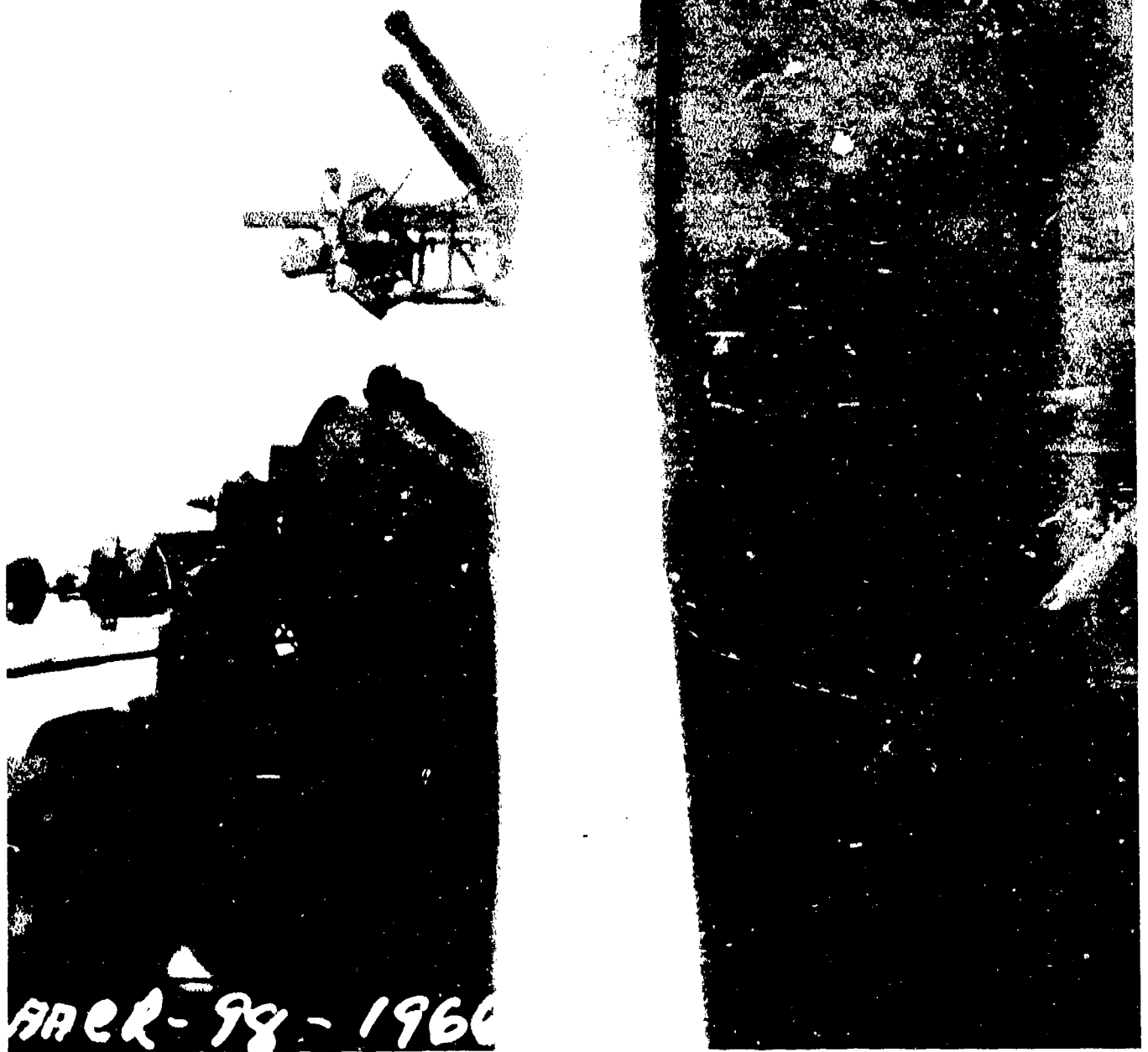
AA-CR-68-1758-8. Starboard bulkhead of emergency radar and fire control station, frame 87, superstructure deck.

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AA-CR-98-1966-12. Looking forward at starboard side to 40 mm quad on superstructure deck at frame 95 1/2.

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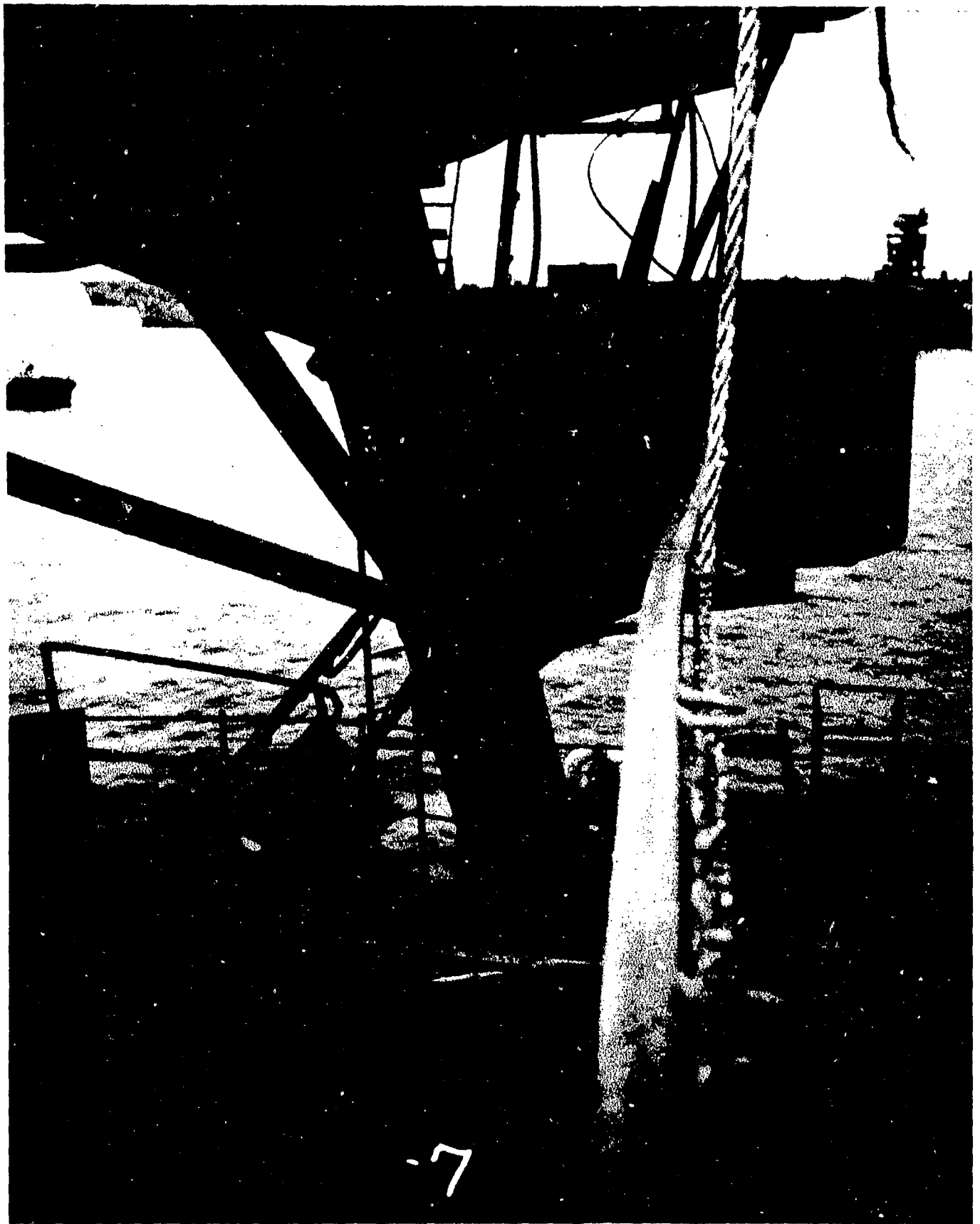
AA-CR-68-1758-9. Looking to port on superstructure deck at frame 97.  
Note tear in deck in way of 40 mm gun shield.

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AA-CR-68-1759-7. View looking to starboard from tub in port leg of main mast.

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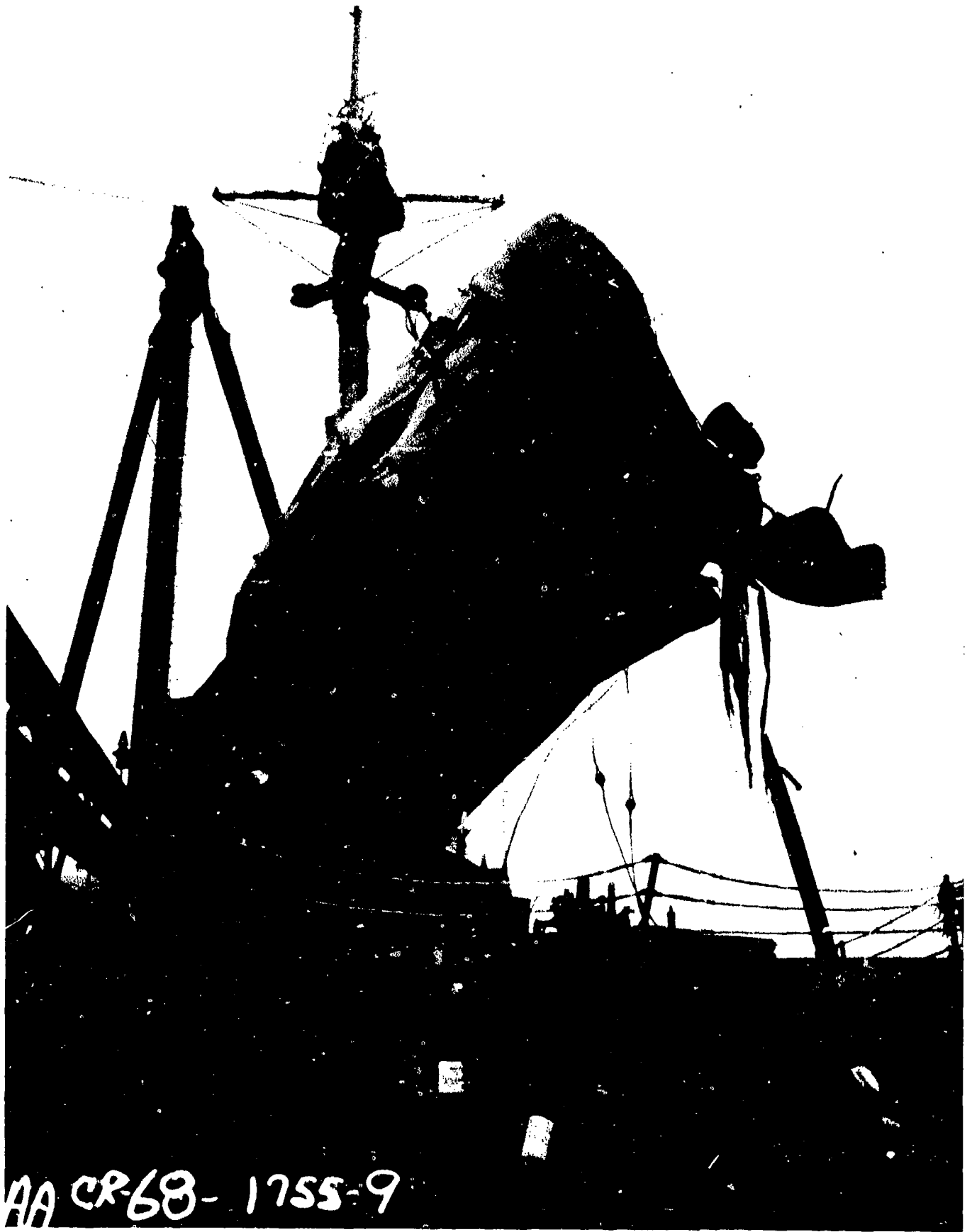
AA-CR-68-1761-3. Mainmast, looking forward and up at junction of struts.

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AA-CR-68-1755-9. View looking aft at mainmast and airplane boom tripod.

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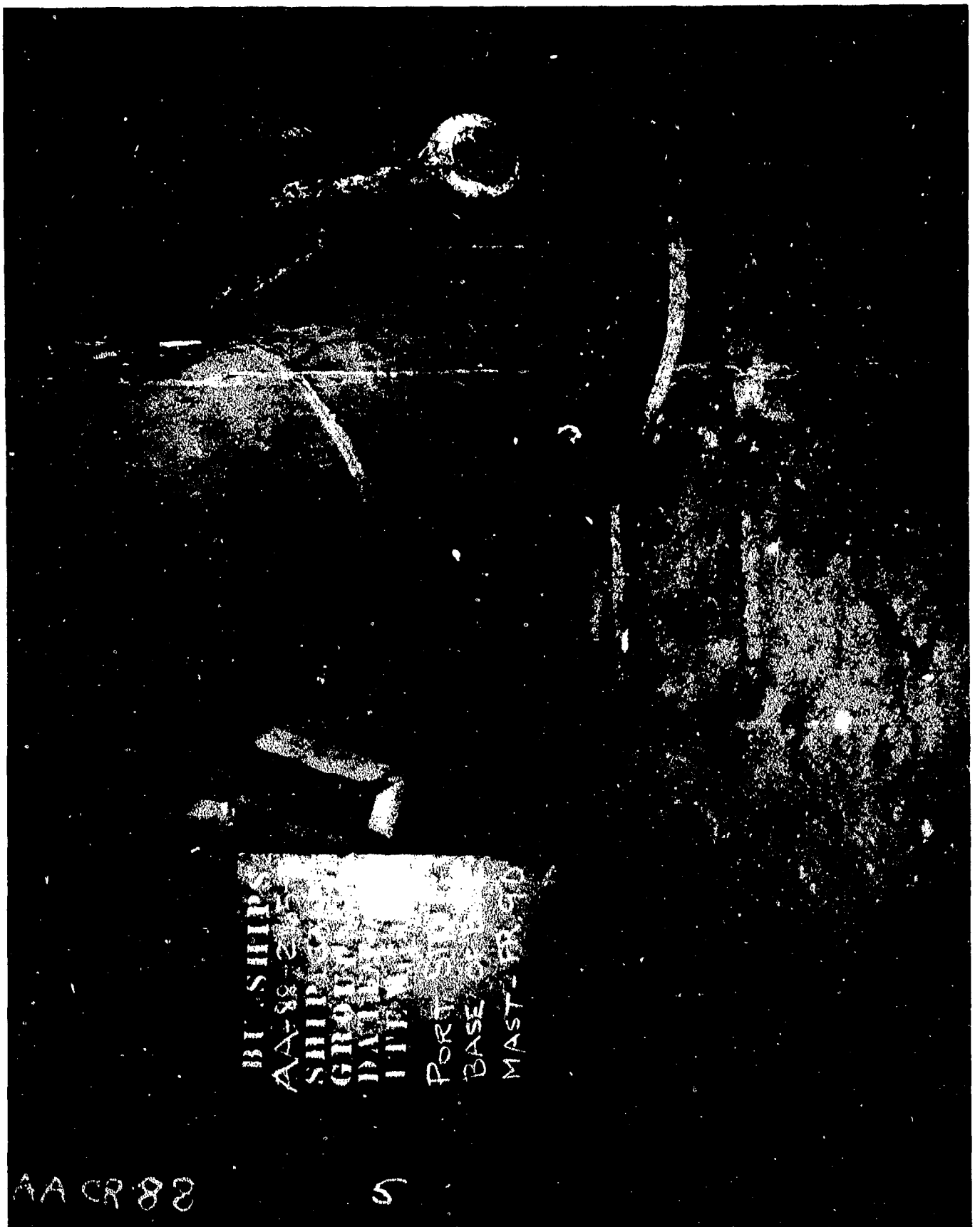
AA-CR-68-1755-10. Mainmast strut and stay.

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AA-CR-88-2161-5. Damage to base of port strut to main mast after Test A.

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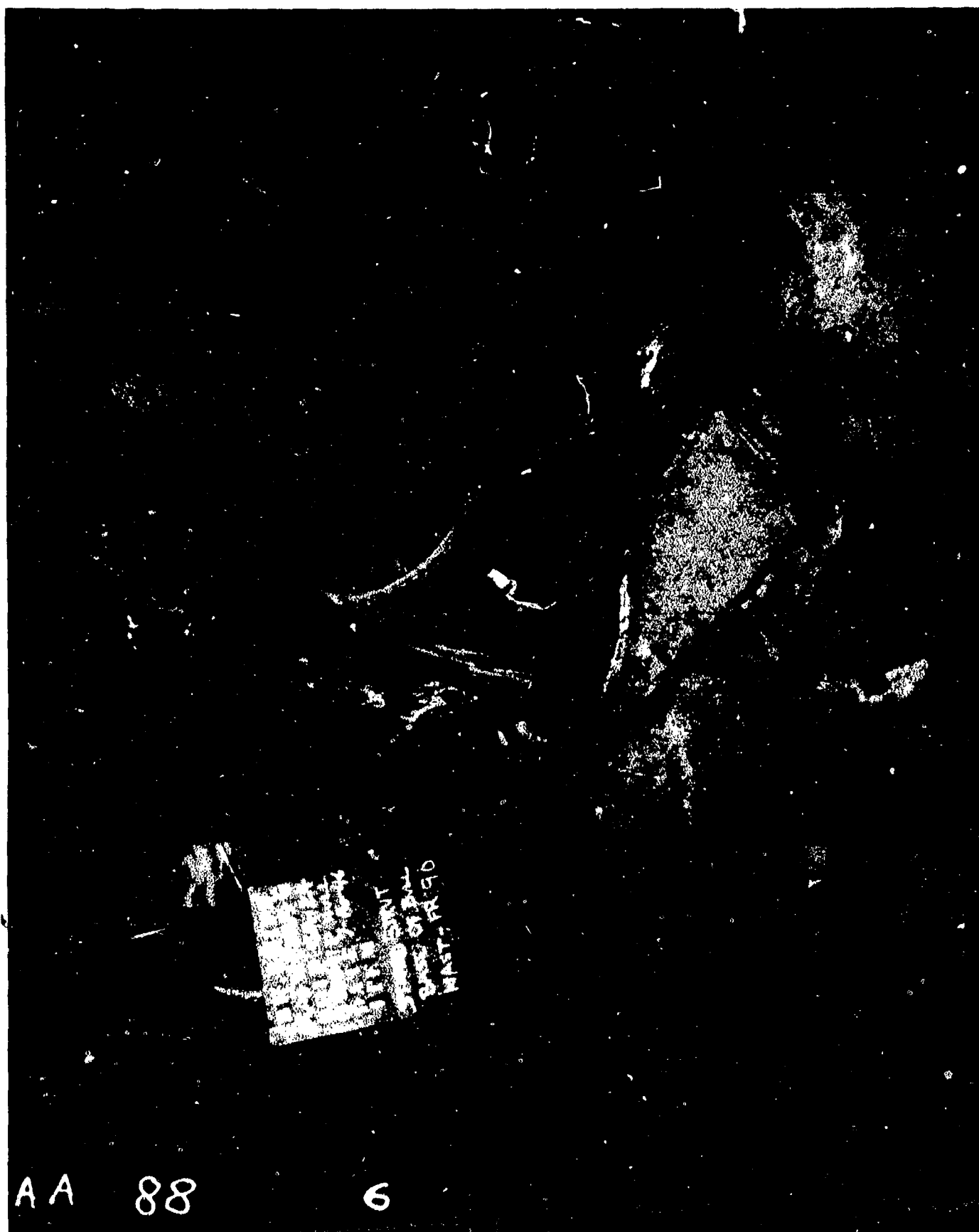
AA-CR-68-1757-6. Looking upward and aft at underside of superstructure deck in way of damage to base of port mainmast strut.

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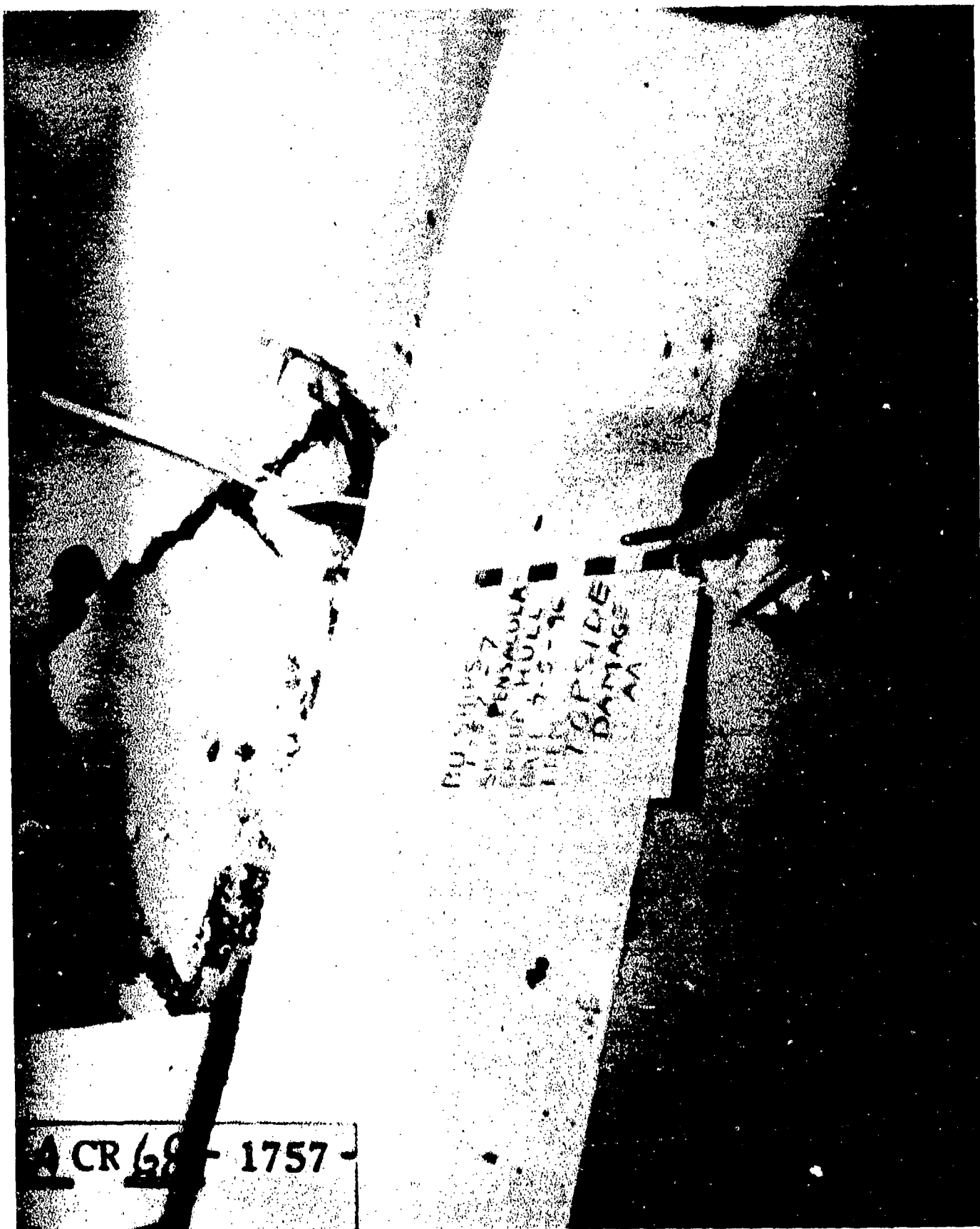
AA-CR-88-2161-6. Damage to base of starboard mainmast strut, frame 90, on superstructure deck level.

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AA-CR-68-1757-7. Looking upward and aft at underside of superstructure deck in way of damage to starboard mainmast strut.

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AA-CR-88-2161-7. Underside of superstructure deck in way of starboard strut to mainmast.

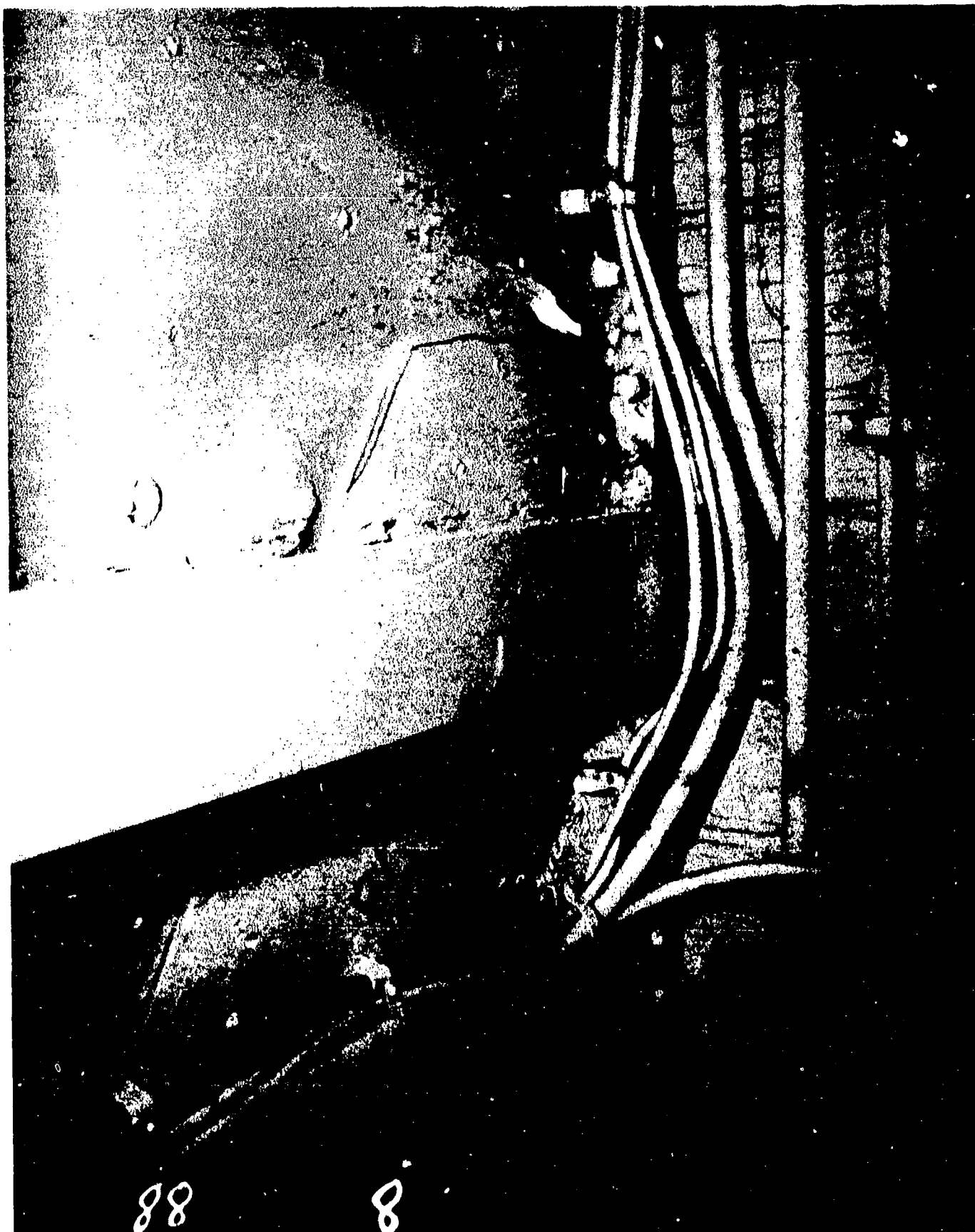
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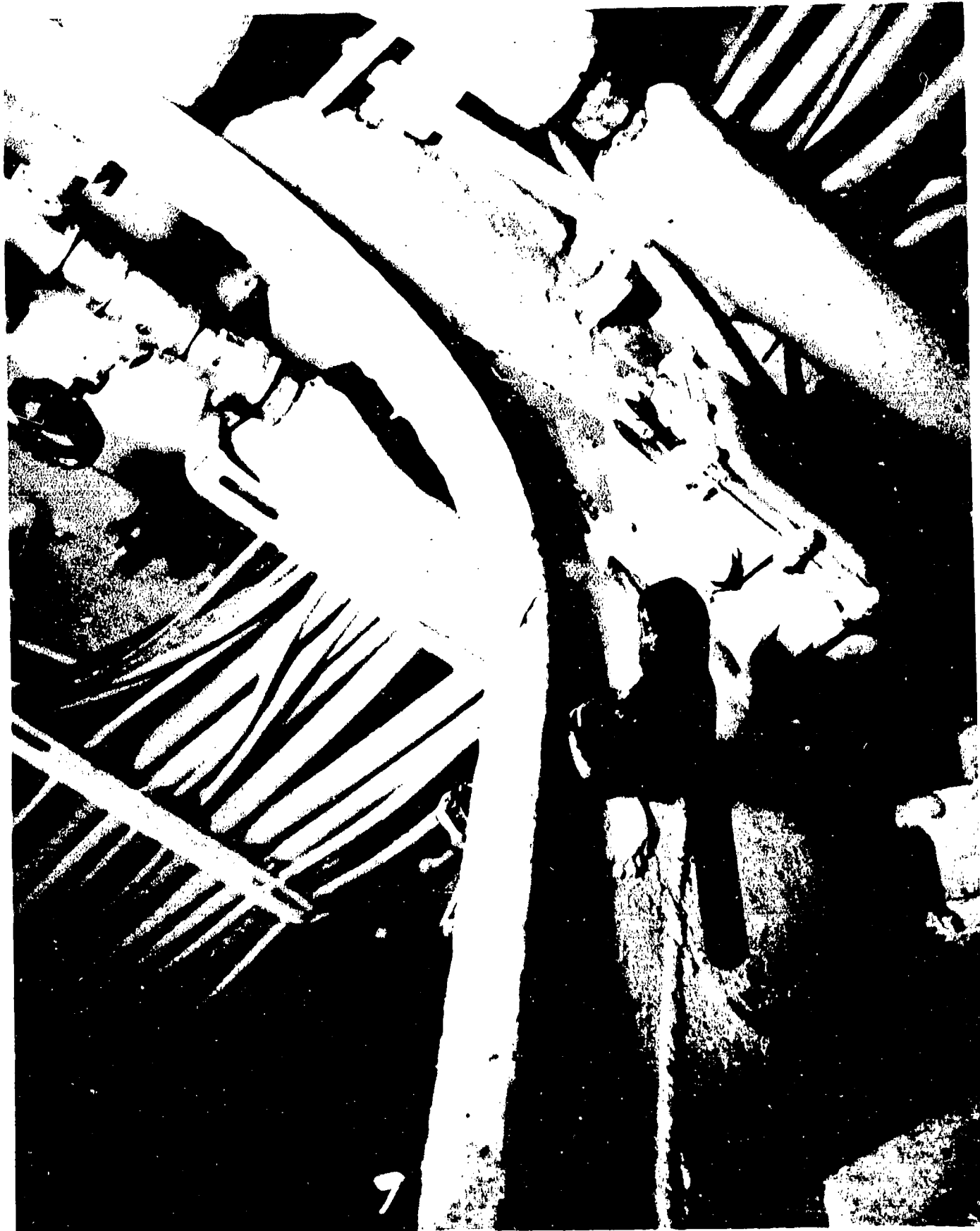
AA-CR-88-2161-8. Underside of superstructure deck in way of port mainmast strut.

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AA-CR-88-2161-9. #5 bulkhead and door panel under mainmast buckled.

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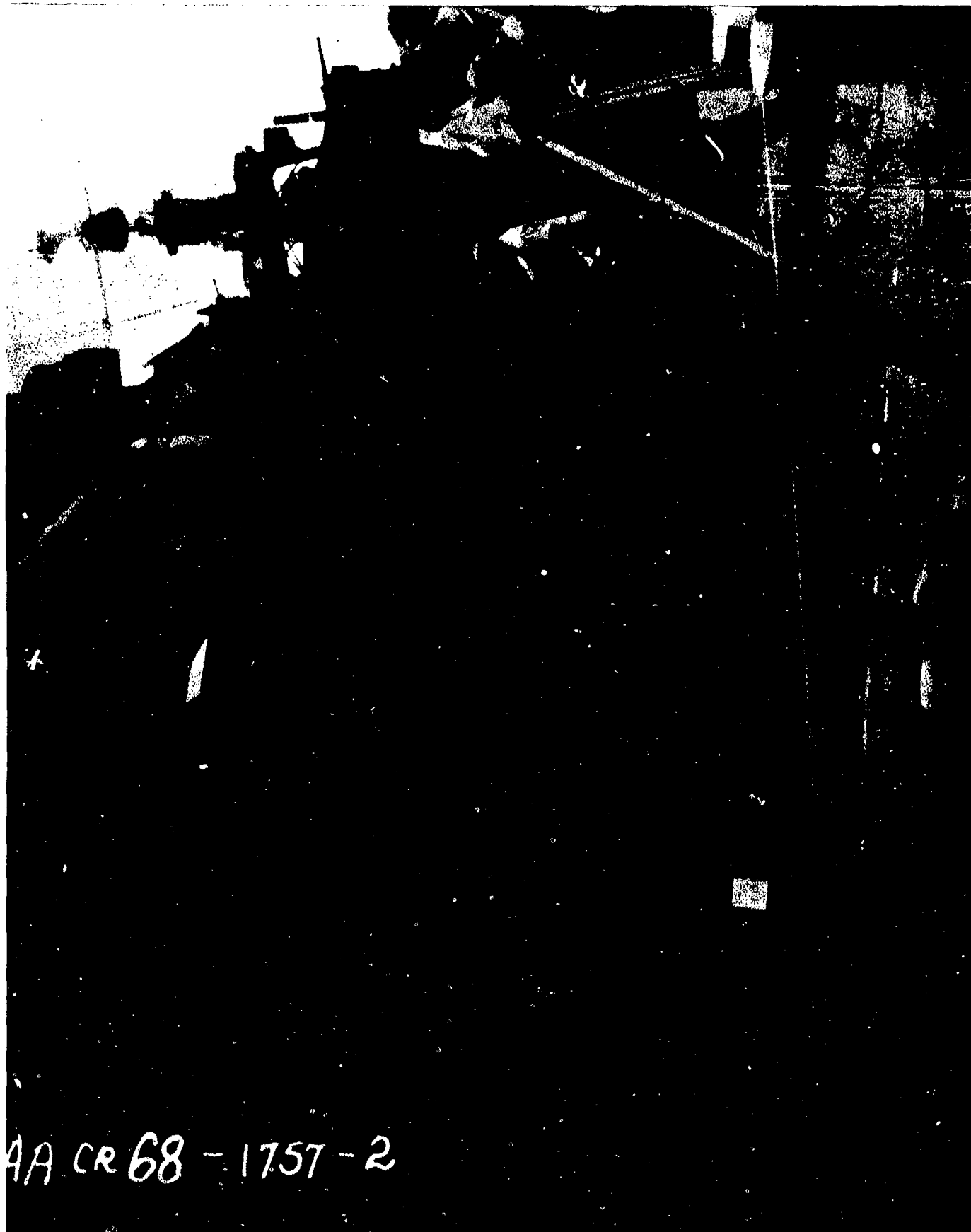
AA-CR-68-1757-1. General view from main deck taken from port side aft showing forward radar polemast and port mainmast stay.

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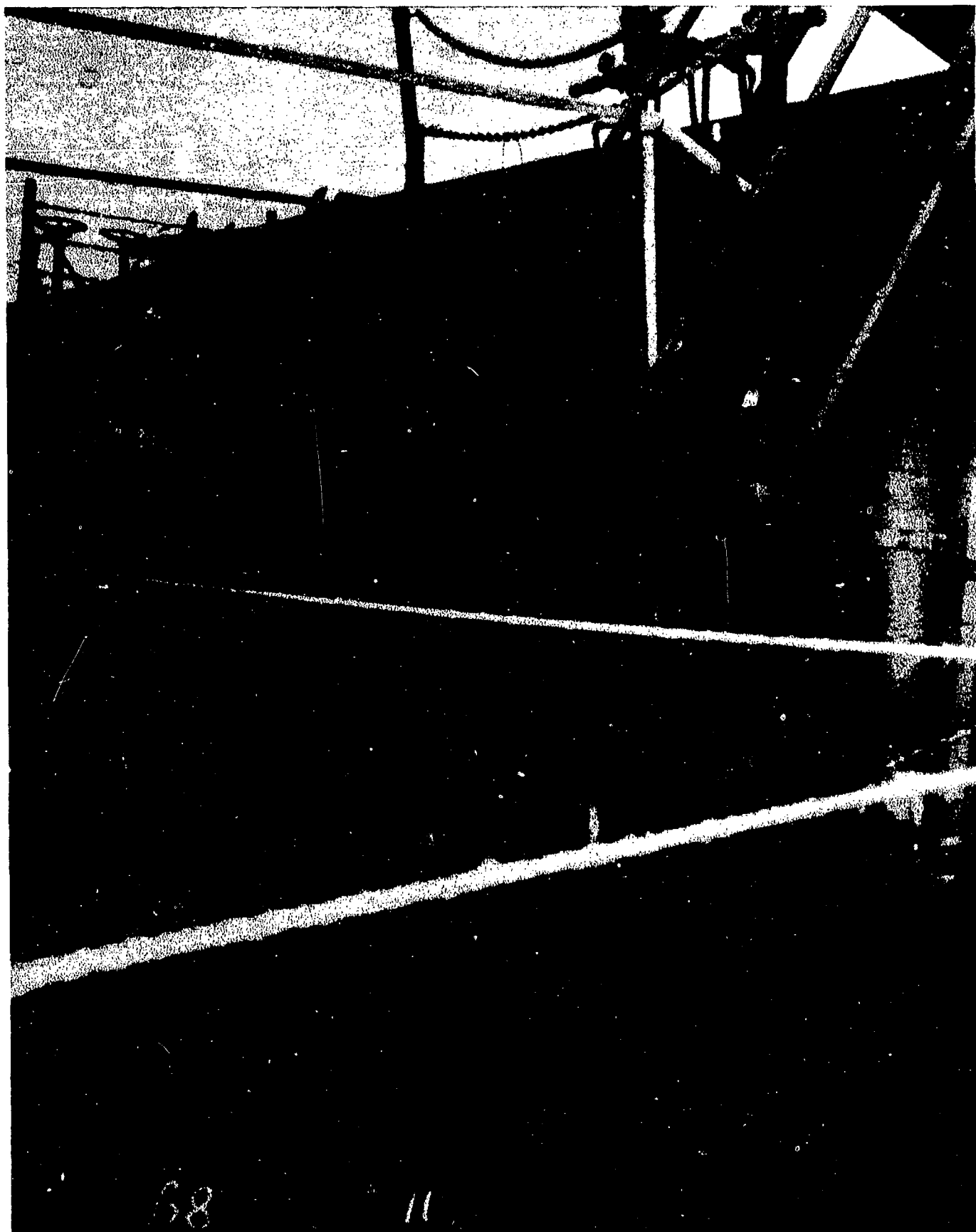
AA-CR-68-1757-2. General view taken from starboard side of main deck, aft, showing forward radar polemast and starboard mainmast stay.

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AA-CR-68-1758-11. Looking aft on main deck to well deck bulkhead 71 1/2.

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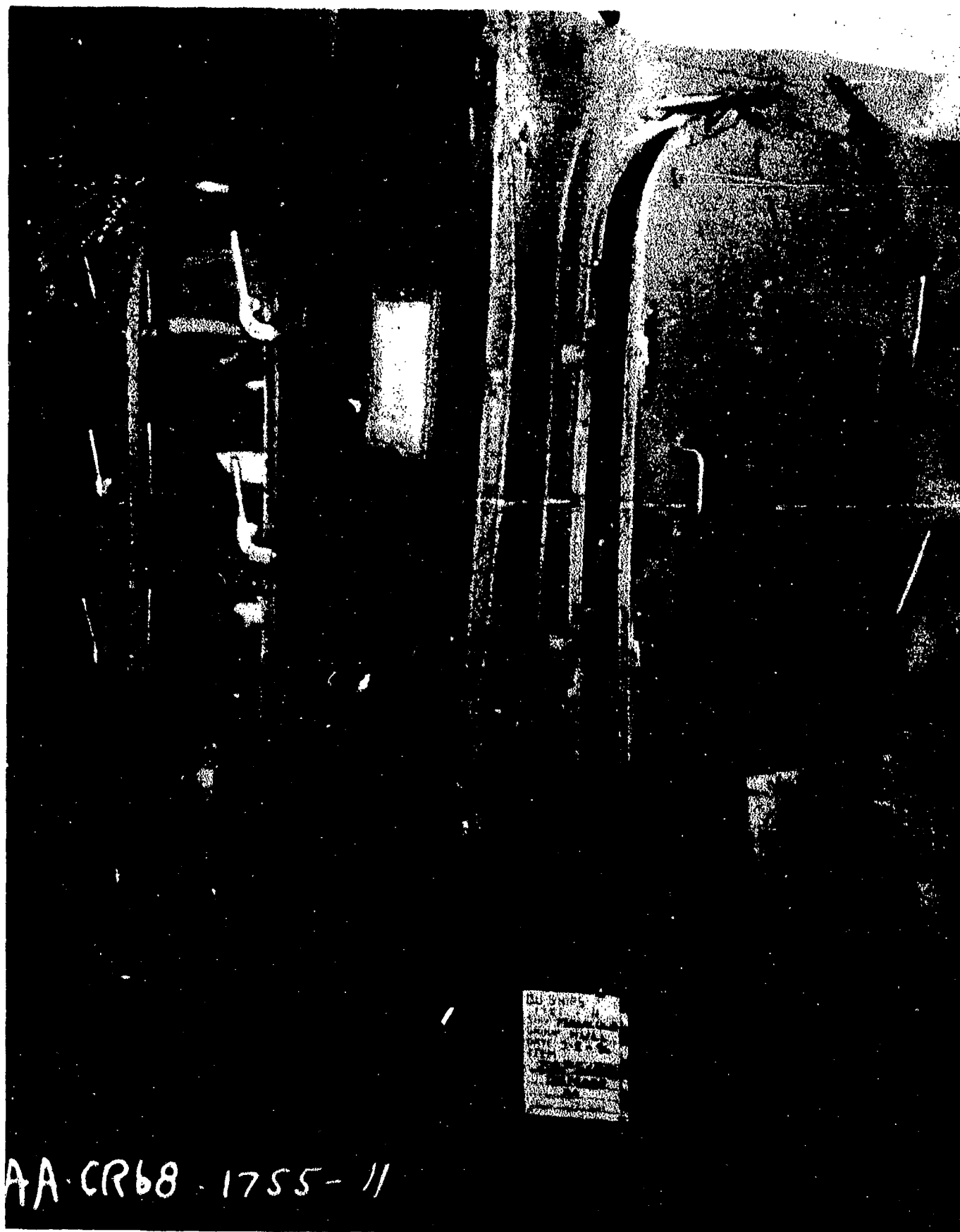
AA-CR-68-1755-12. Looking to port on main deck from frame 72, starboard, showing afterward dishing of bulkhead 72.

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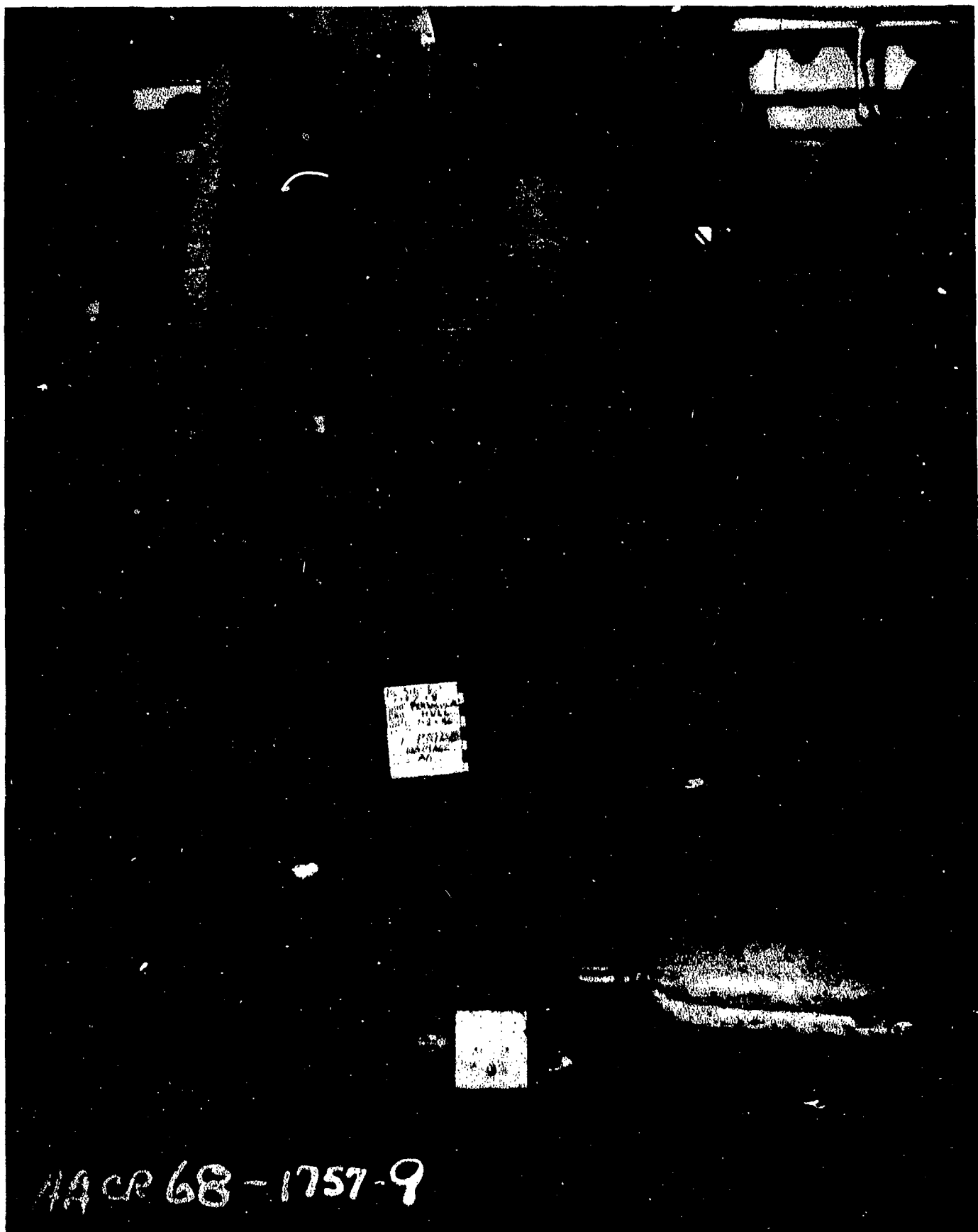
AA-CR-68-1755-11. Damaged door to shipfitter shop, main deck, starboard, frame 74, looking aft and to starboard.

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AA-CR-68-1757-9. Shock derangement and blast damage, looking forward along port passageway, main deck, from frame 83.

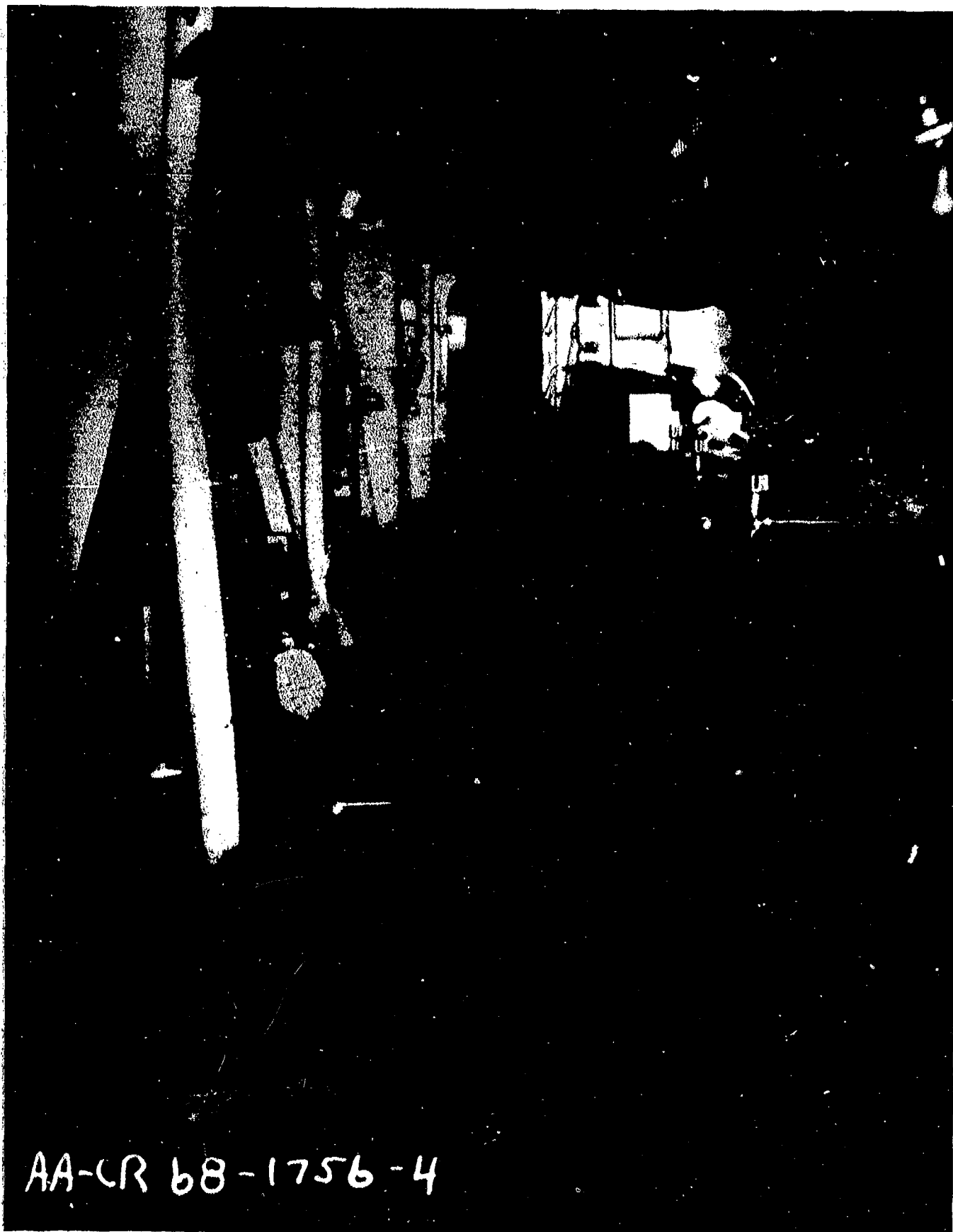
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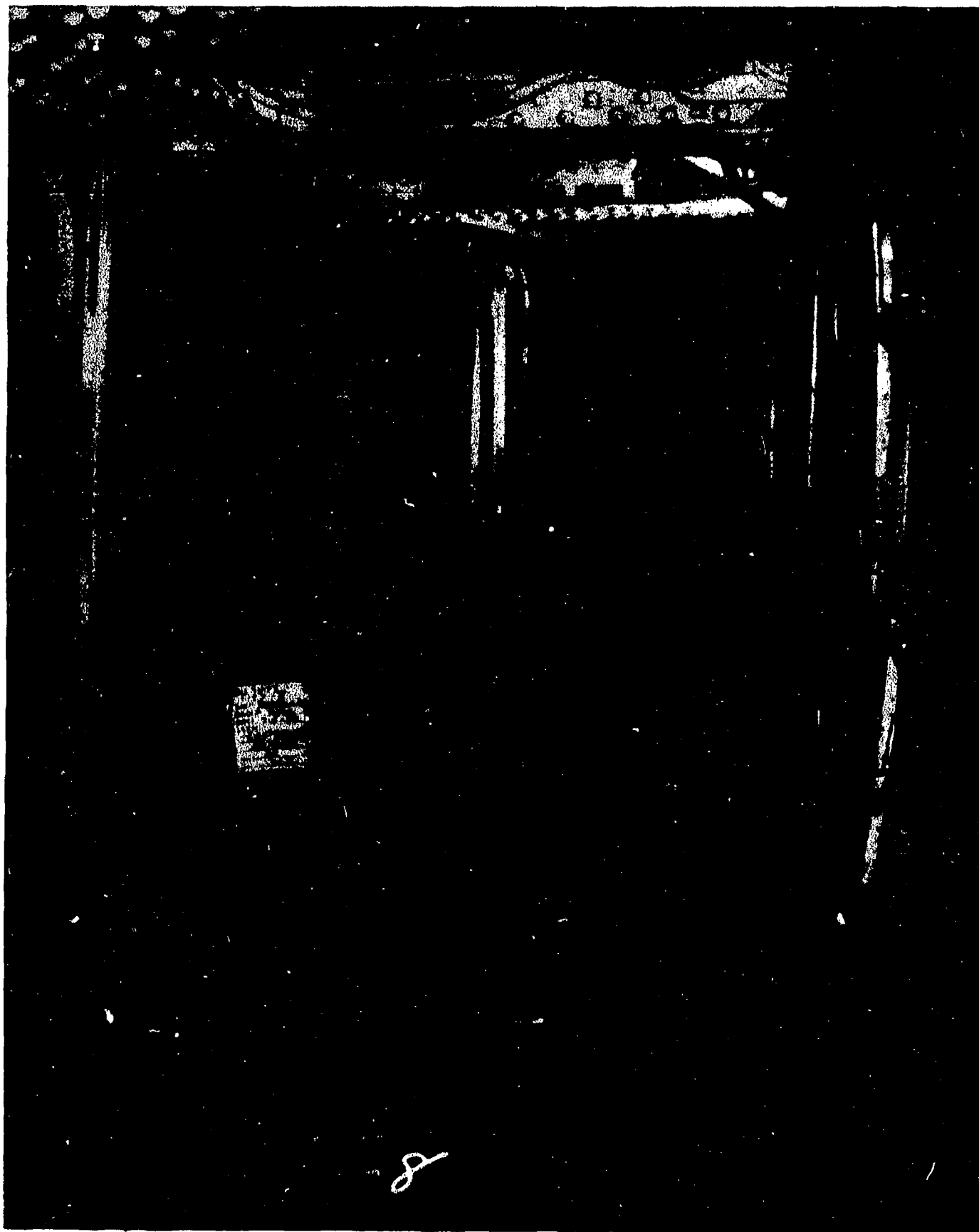
AA-CR-68-1756-4. View of galley, main deck, from starboard passageway. The stanchions at frame 85 have buckled under the load imposed by the pipe bracing used as supports for a clipping room and search light platform directly above.

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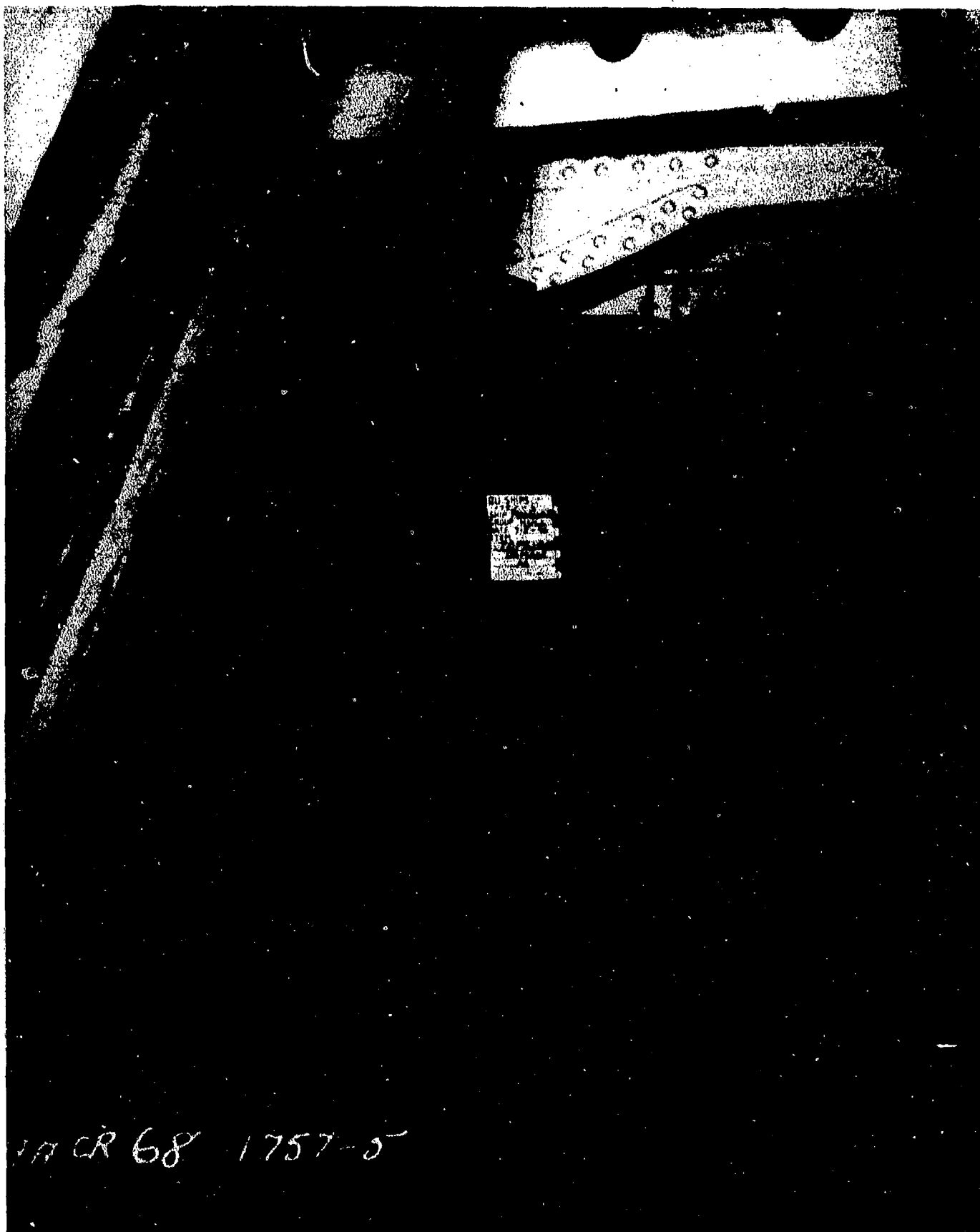
AA-CR-68-1757-8. Blast damage, looking forward port main deck passageway, from frame 87.

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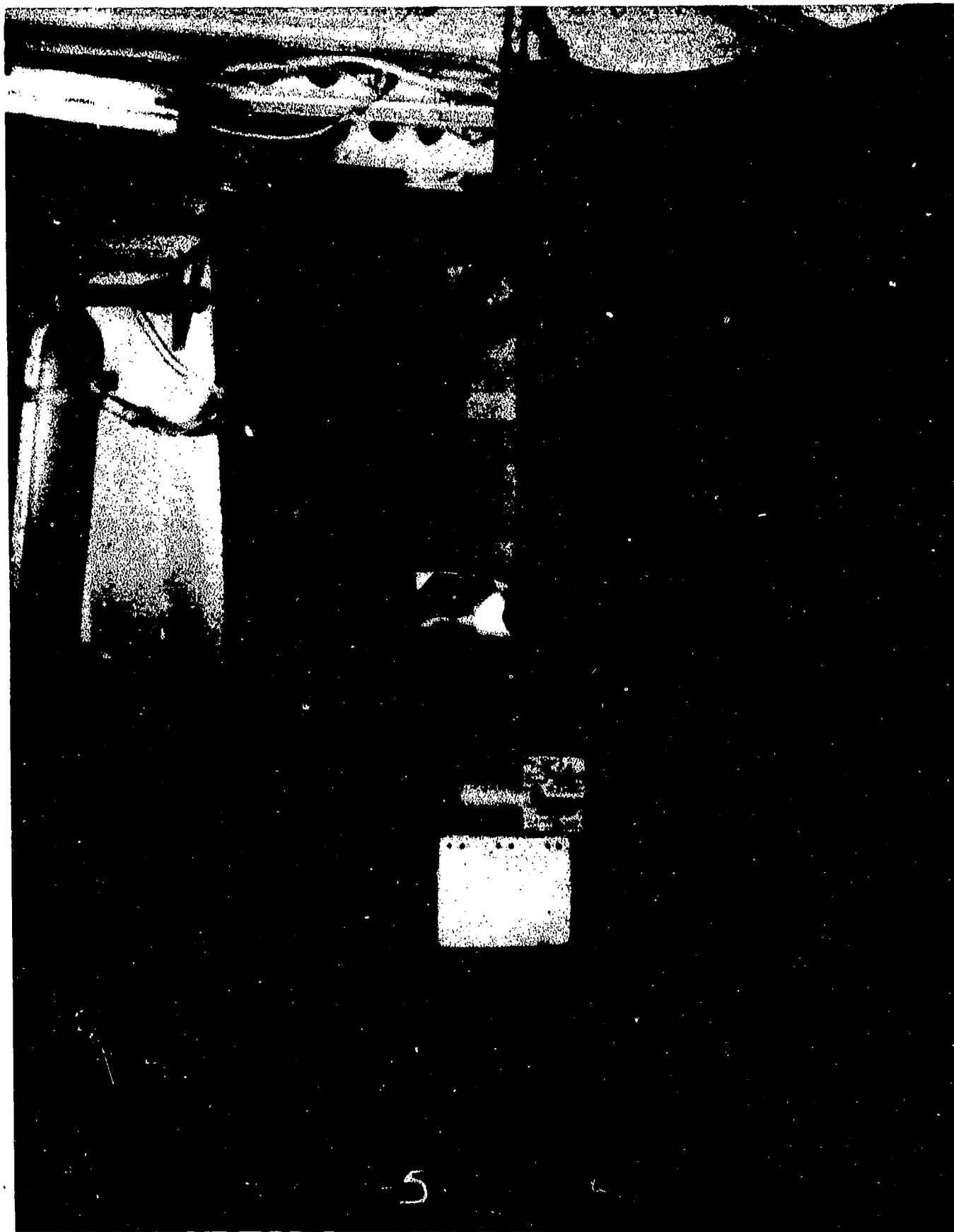
AA-CR-68-1757-5. Looking forward along port main deck passageway from frame 93.

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AA-CR-68-1756-5. Looking forward along starboard main deck passageway from frame 92. Note damage to light doors and expanded mesh bulkhead due to blast pressure funneled through passageway.

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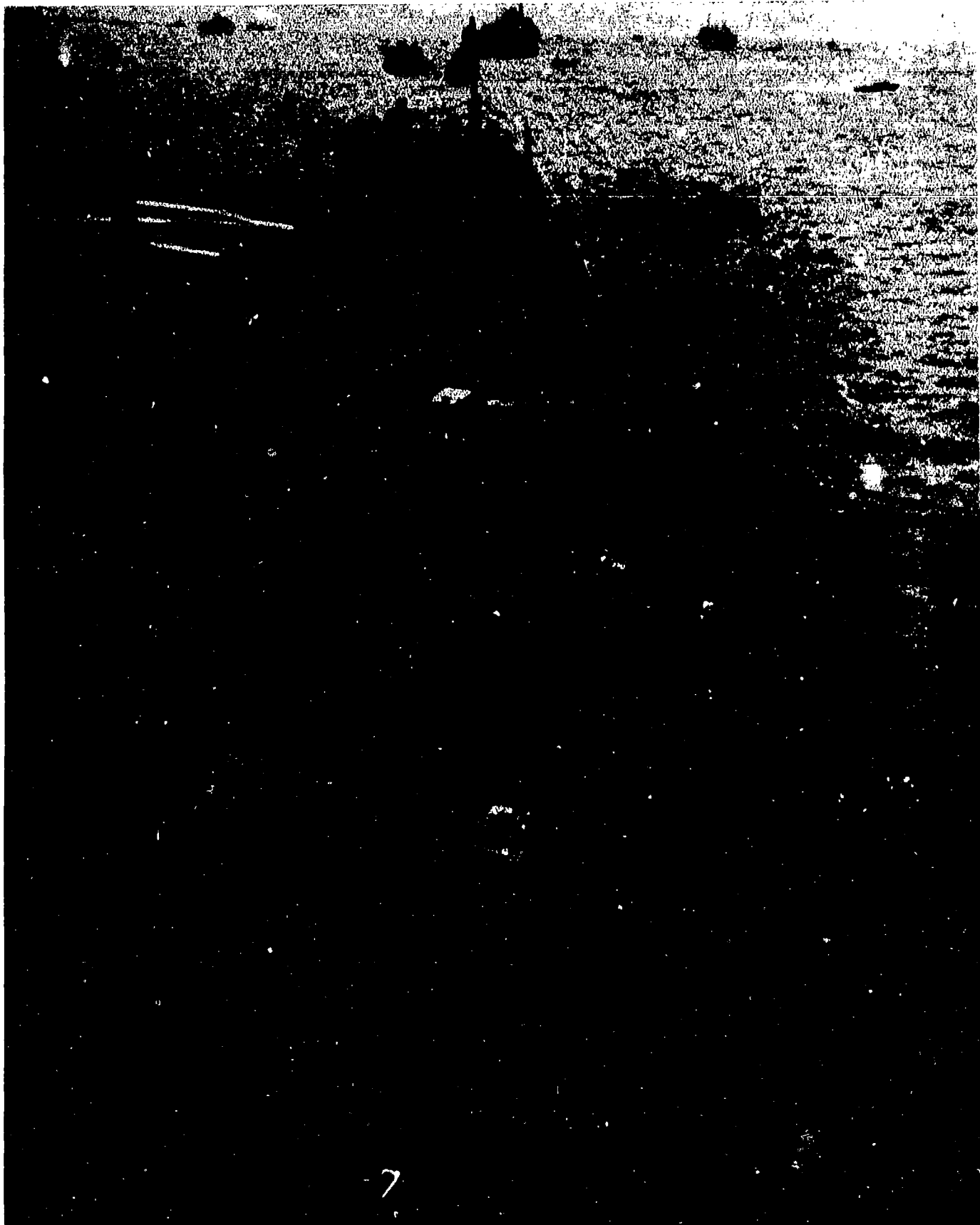
AA-CR-68-1756-3. Starboard main deck passageway, looking forward from frame 89.

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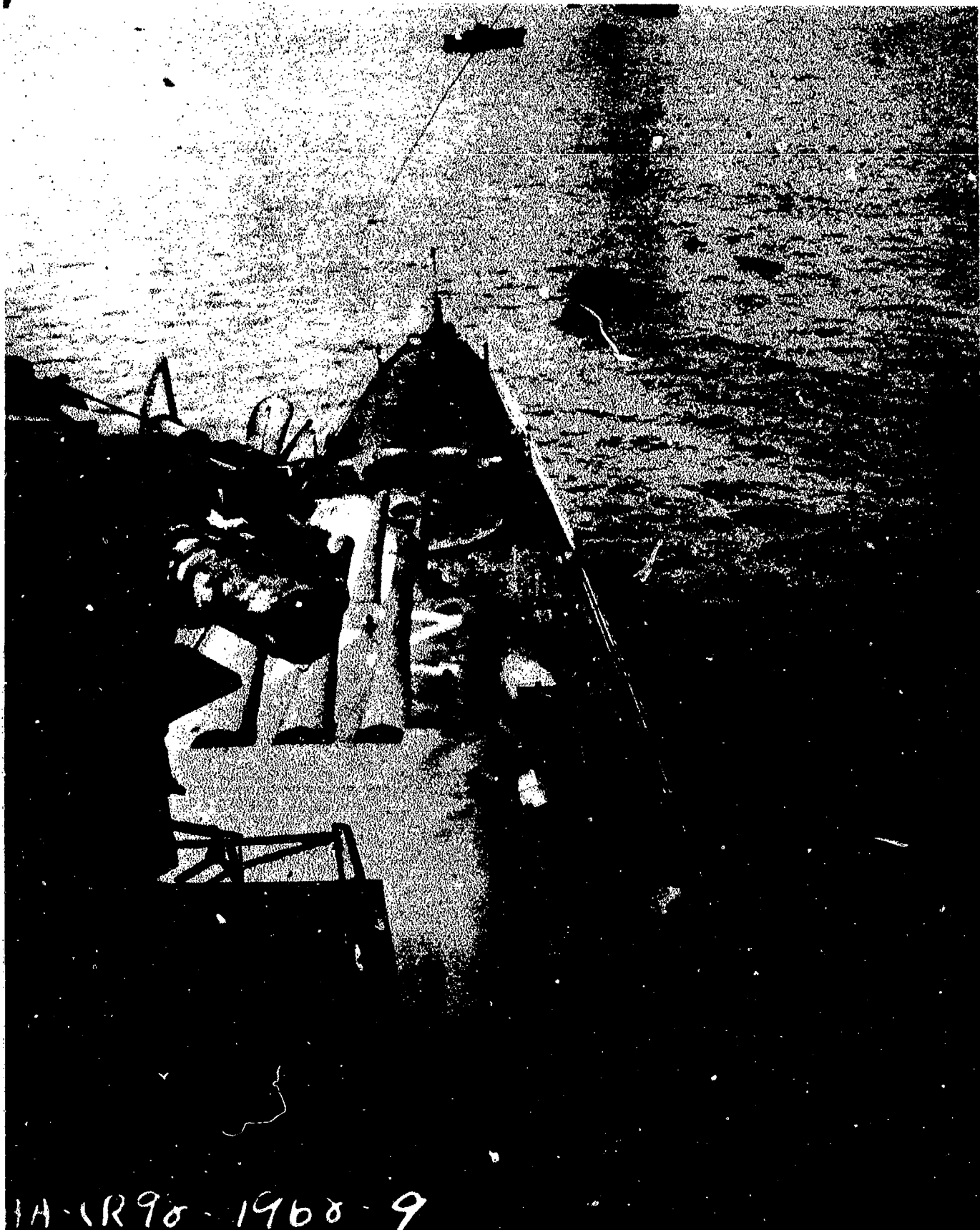
AA-CR-68-1755-7. Main deck, starboard, looking toward bow from just aft of No. 1 mount.

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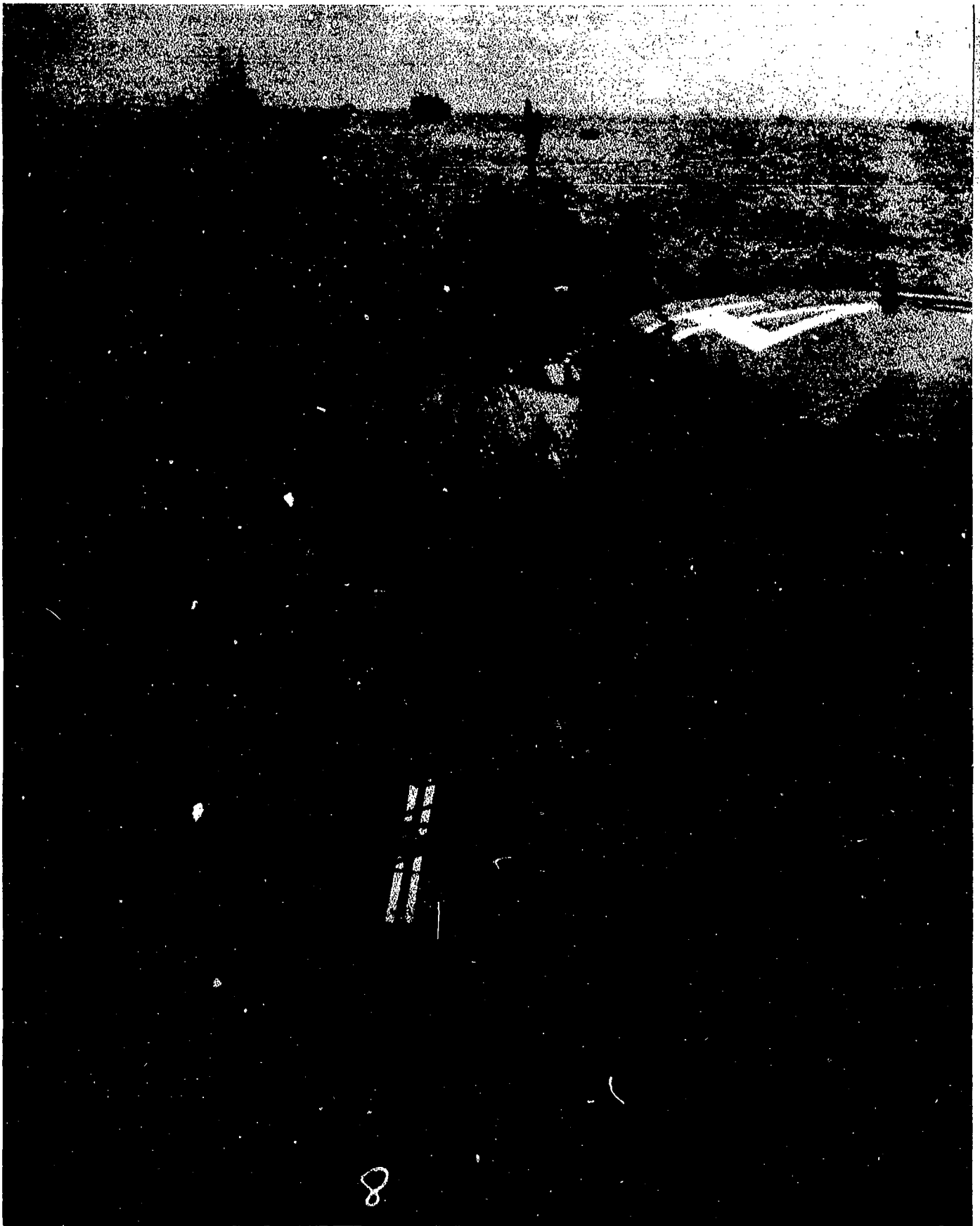
AA-CR-1968-9. Looking forward from starboard edge of first level above navigating bridge. Note scorching on decking directly exposed.

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AA-CR-68-1755-8. Main deck port side, looking toward bow from just aft of No. 1 mount.

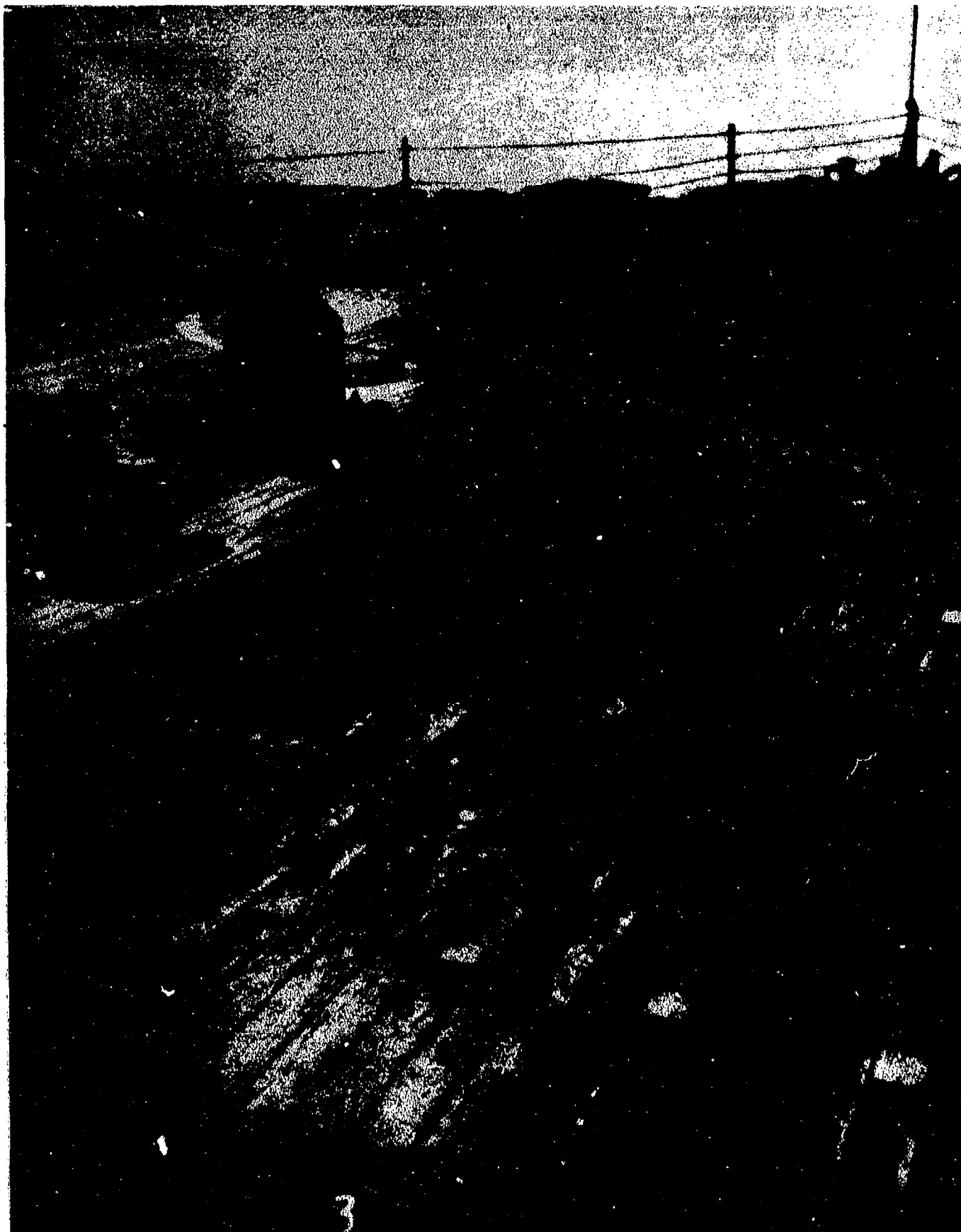
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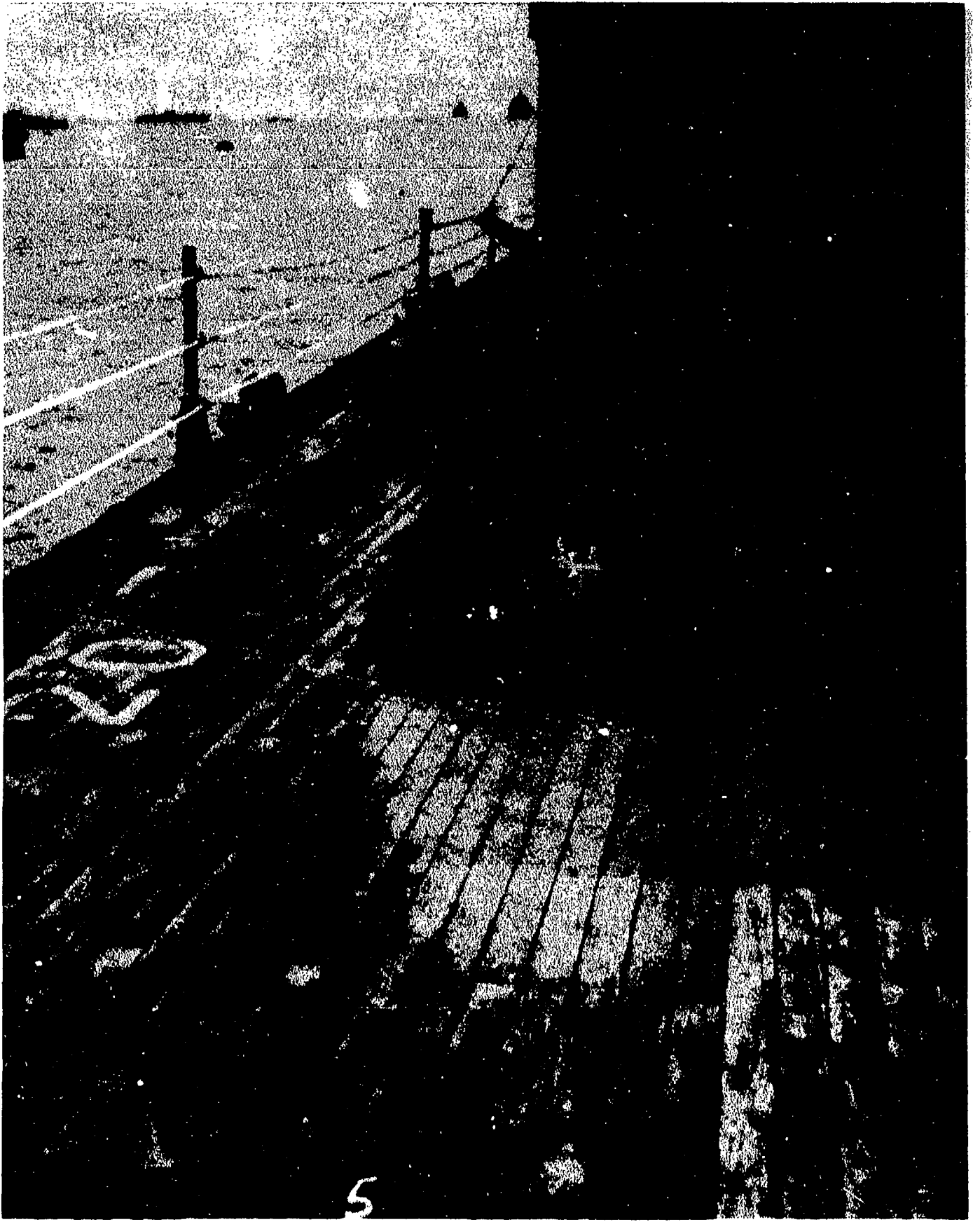
AA-CR-98-1967-3. Looking forward from starboard side of main deck at about frame 17. Note protection from radiation afforded decking at left by No. 1 mount.

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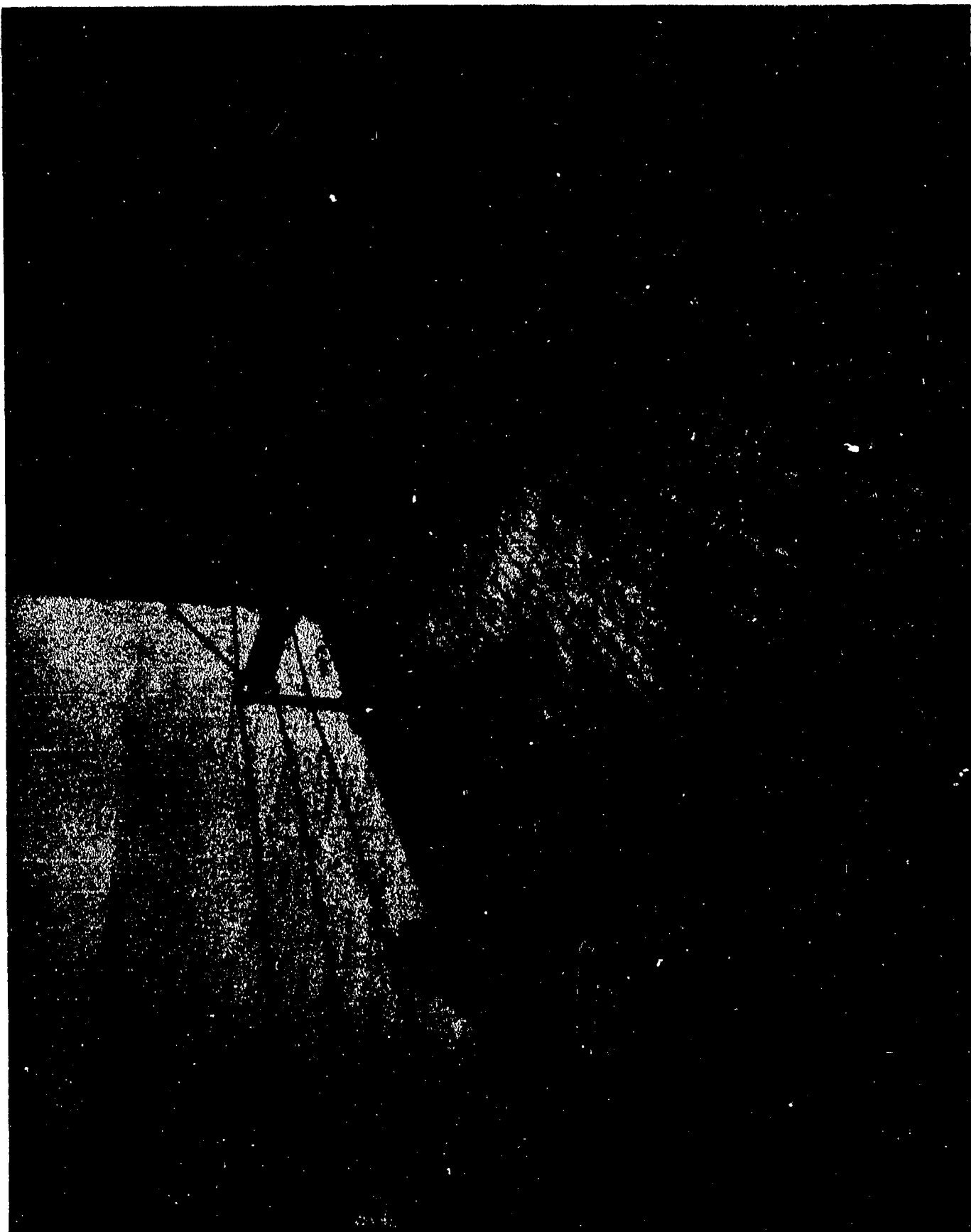
AA-CR-98-1967-5. Starboard side of main deck in way of frame 20, looking aft.

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AA-CR-98-1967-2. Starboard side of main deck in way of frame 30, looking aft.

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AA-CR-98-1967-4. Port side of main deck in way of frame 20, looking aft.

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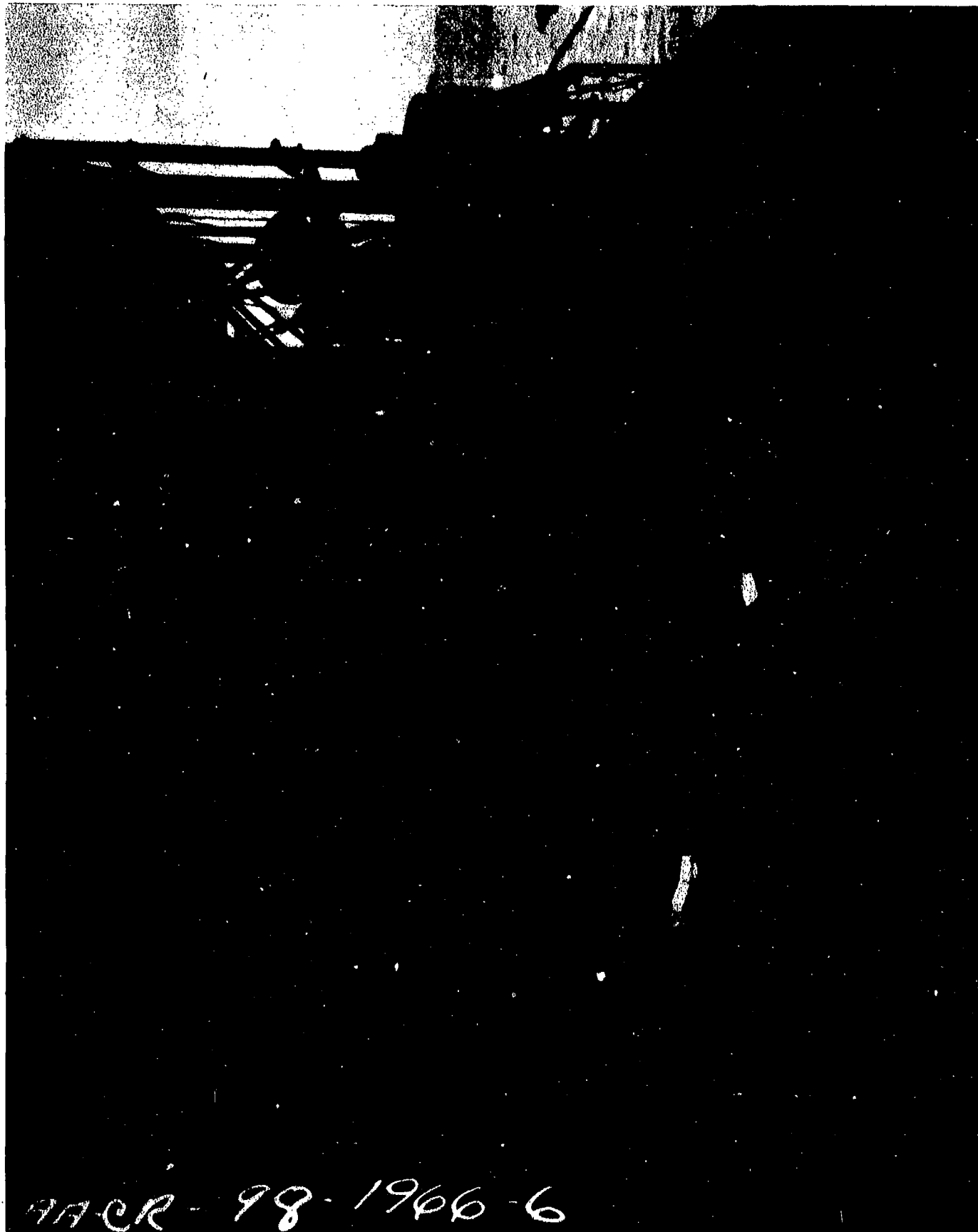
AA-CR-68-1755-6. Fire damage on main deck under No. 1 mount just forward of bulkhead 29.

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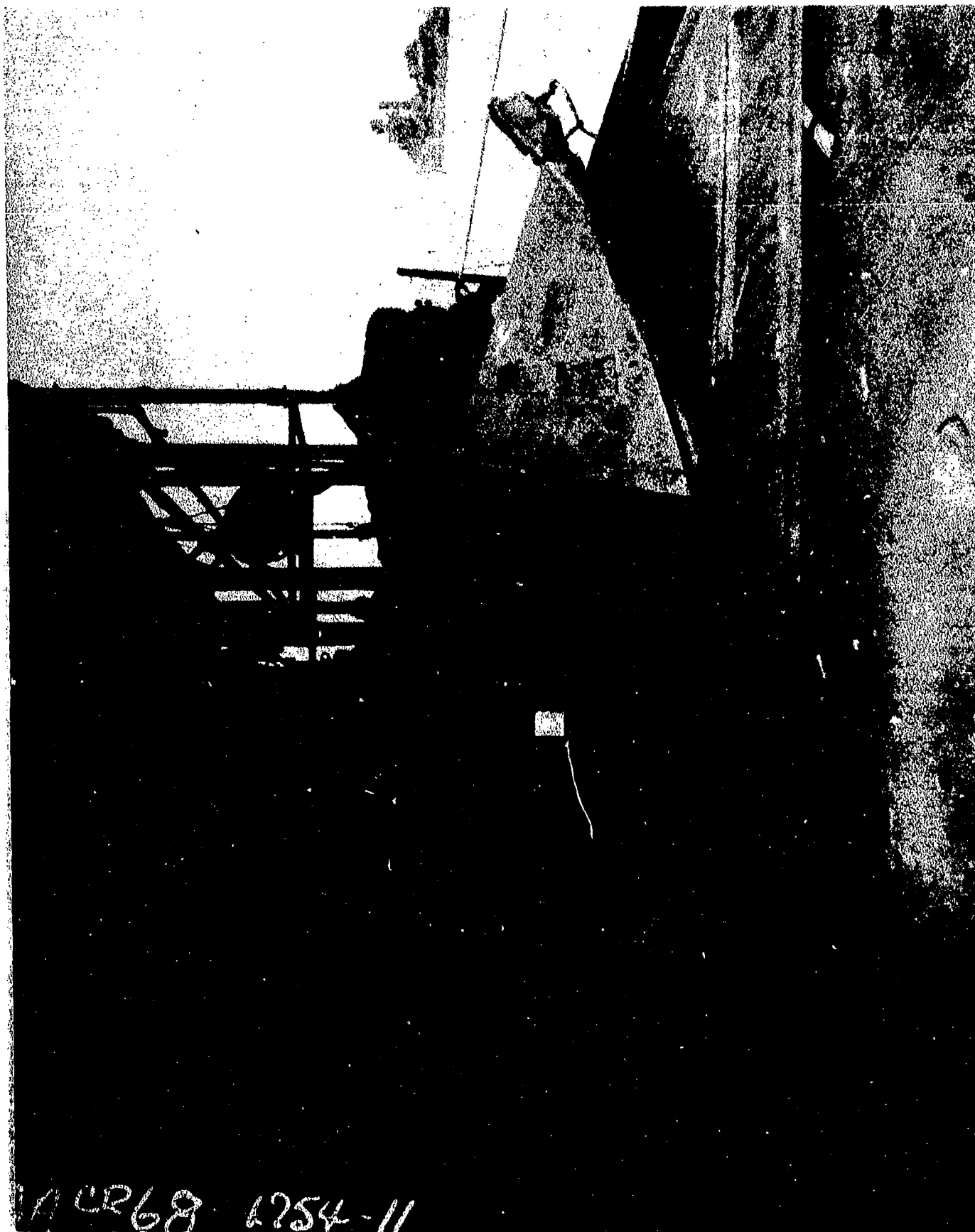
AA-CR-98-1966-6. Starboard side of main deck, looking forward from frame 60. Smoke hood from forward stack is lying across passageway.

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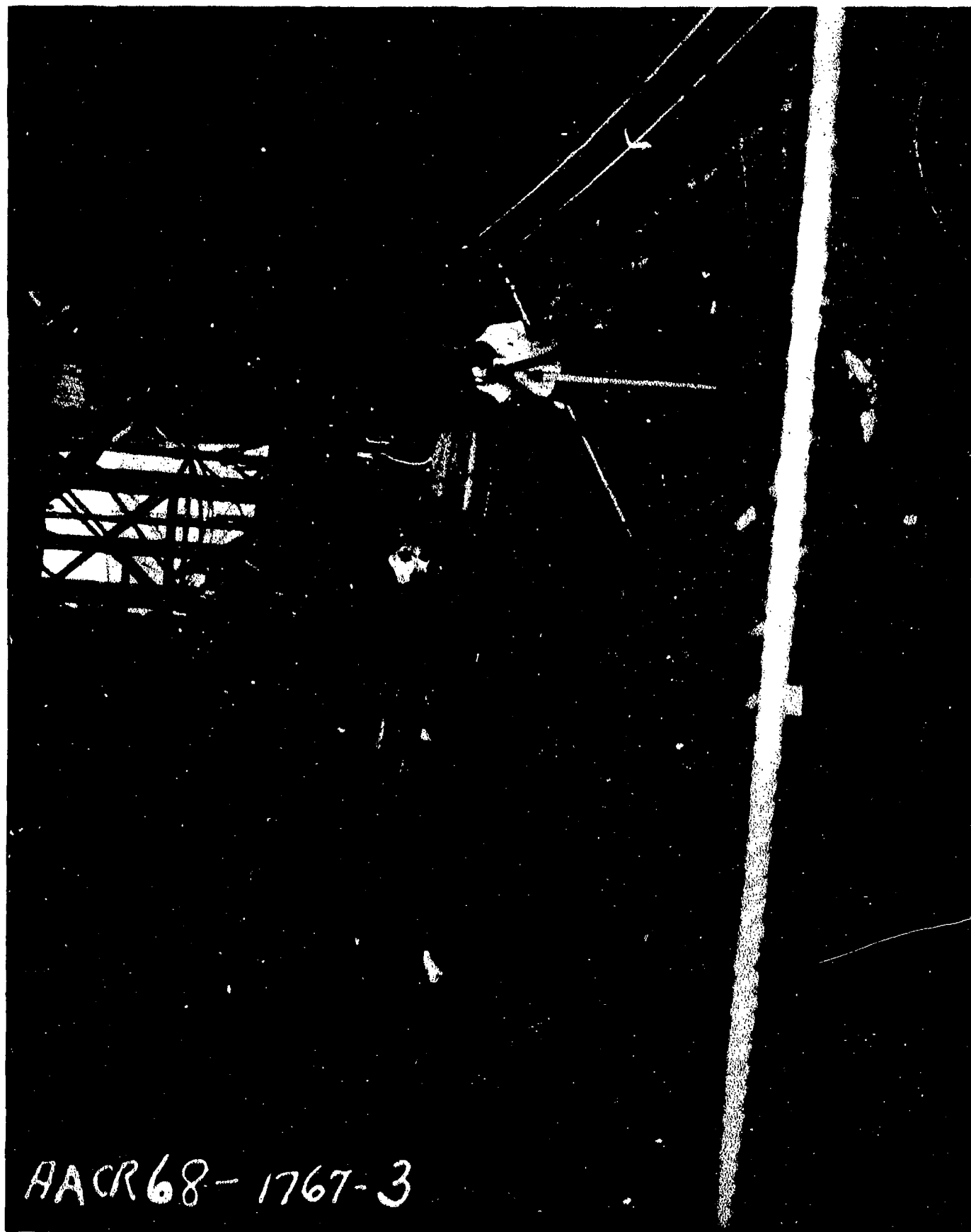
AA-CR-68-1754-11. Main deck looking forward on starboard side showing tear of lighter plating along stringer strake in well deck area.

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AA-CR-68-1767-3. Looking forward on main deck in well deck area, starboard, from frame 72. (deck deflection survey in progress.)

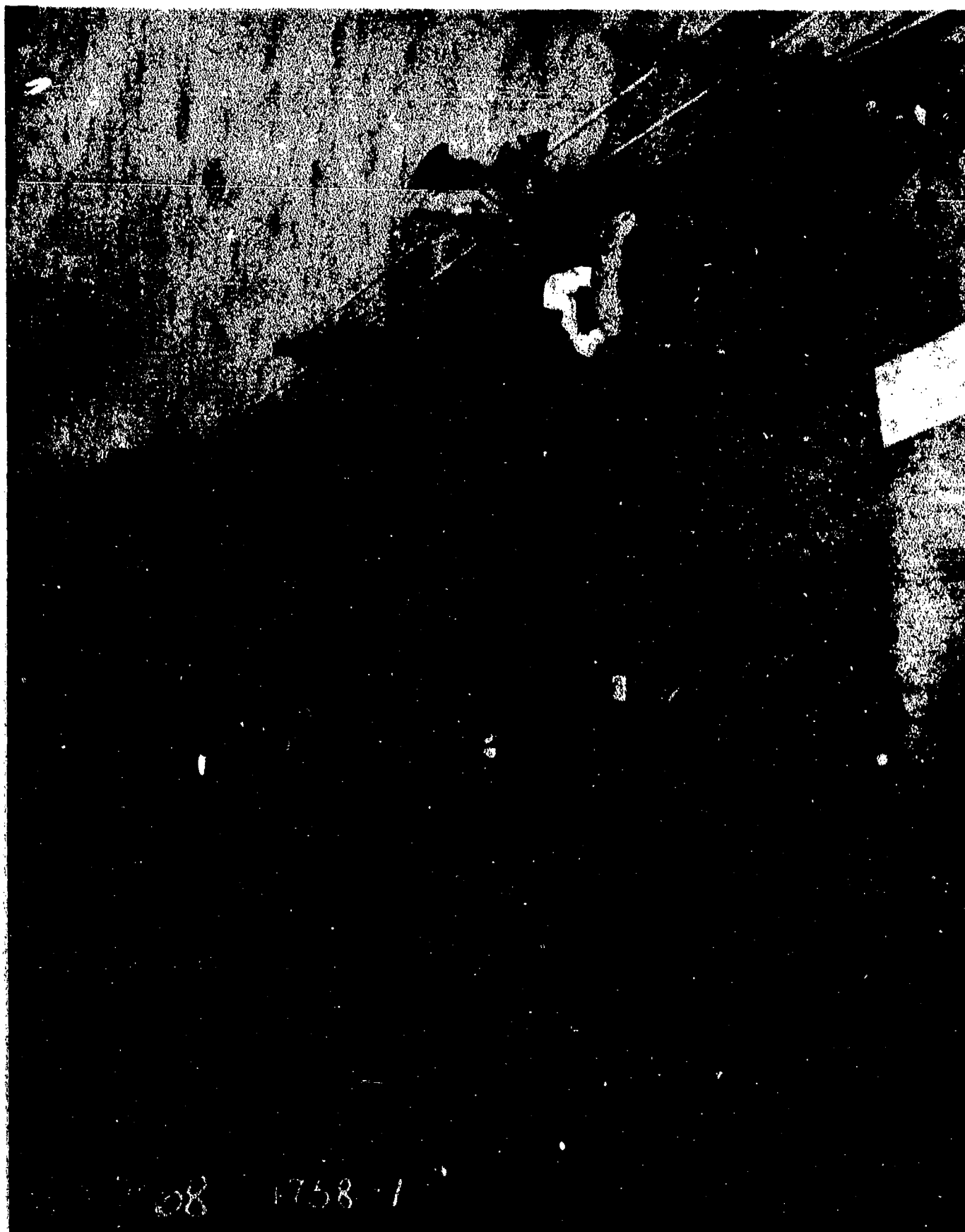
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AA-CR-68-1758-1. Main deck well deck area looking forward on starboard side showing tear of lighter plating along stringer strake.

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AA-CR-58-1767-4. Closeup of main deck failure along starboard stringer strake in well deck area aft of frame 61, looking to port from starboard deck edge.

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AA-CR-68-1767-7. Looking to port from starboard deck edge in main deck, well deck area showing area of severe dishing, also plate failure along edge of starboard stringer strake.

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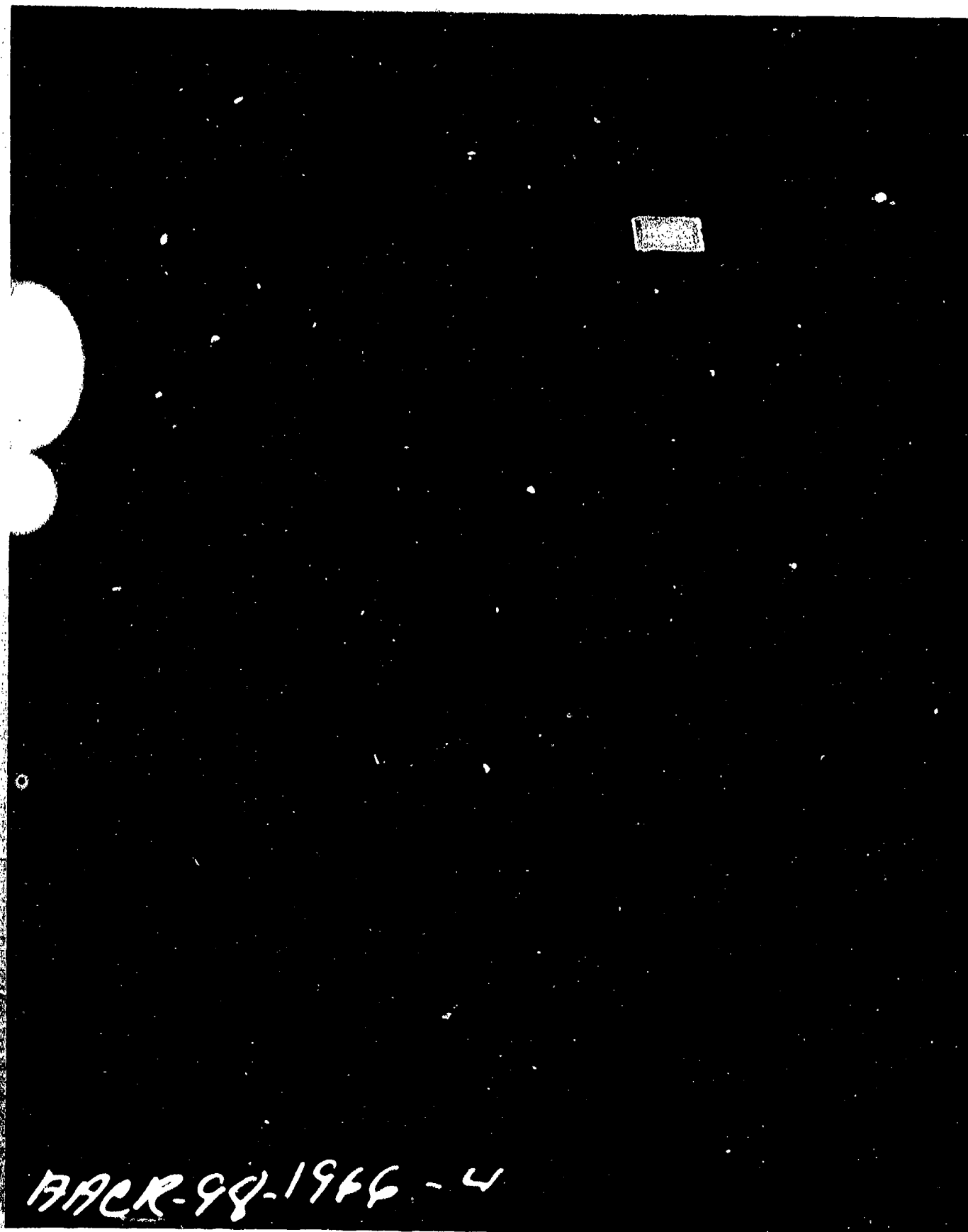
AA-CR-68-1754-8. Close-up of starboard forward portion of main deck, well deck area, looking to port, showing tear of lighter plating along stringer strake, deck dishing and damage to deck house bulkhead 61.

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AA-CR-98-1966-4. Close-up of failure at riveted seam in inboard edge of heavy stringer strake, frames 61-63, on starboard side of main deck.

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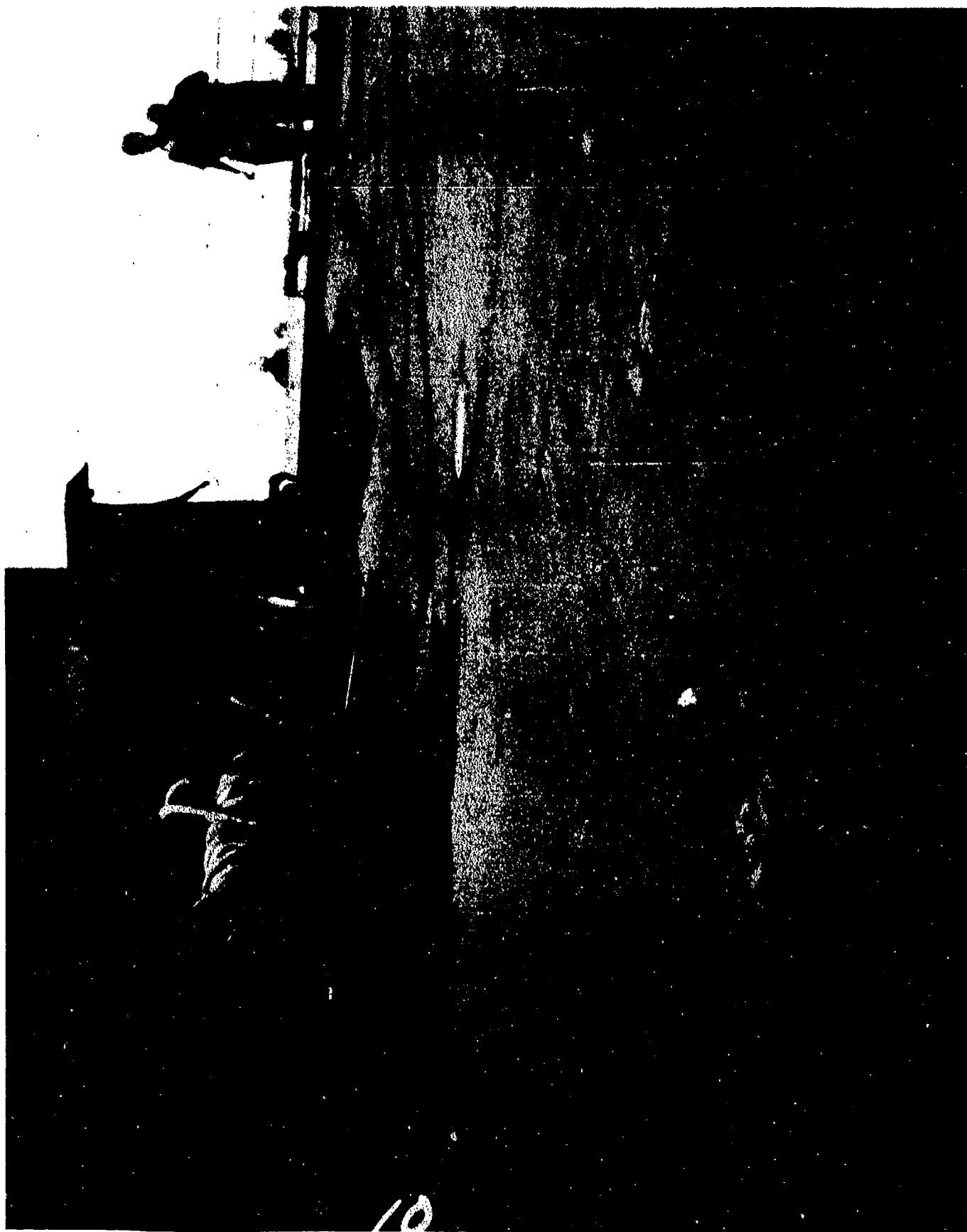
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AA-CR-175-2157-7. Main deck dishing in well deck area looking forward and to starboard.



AA-CR-175-2157-10. Main deck dishing in well deck area looking forward and to starboard. Torn portion of deck house bulkhead has been cut away.

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AA-CR-175-2157-8. Main deck, well deck area, looking forward and to port, showing deck dishing and damage to forward stack cape and rear of deck house.

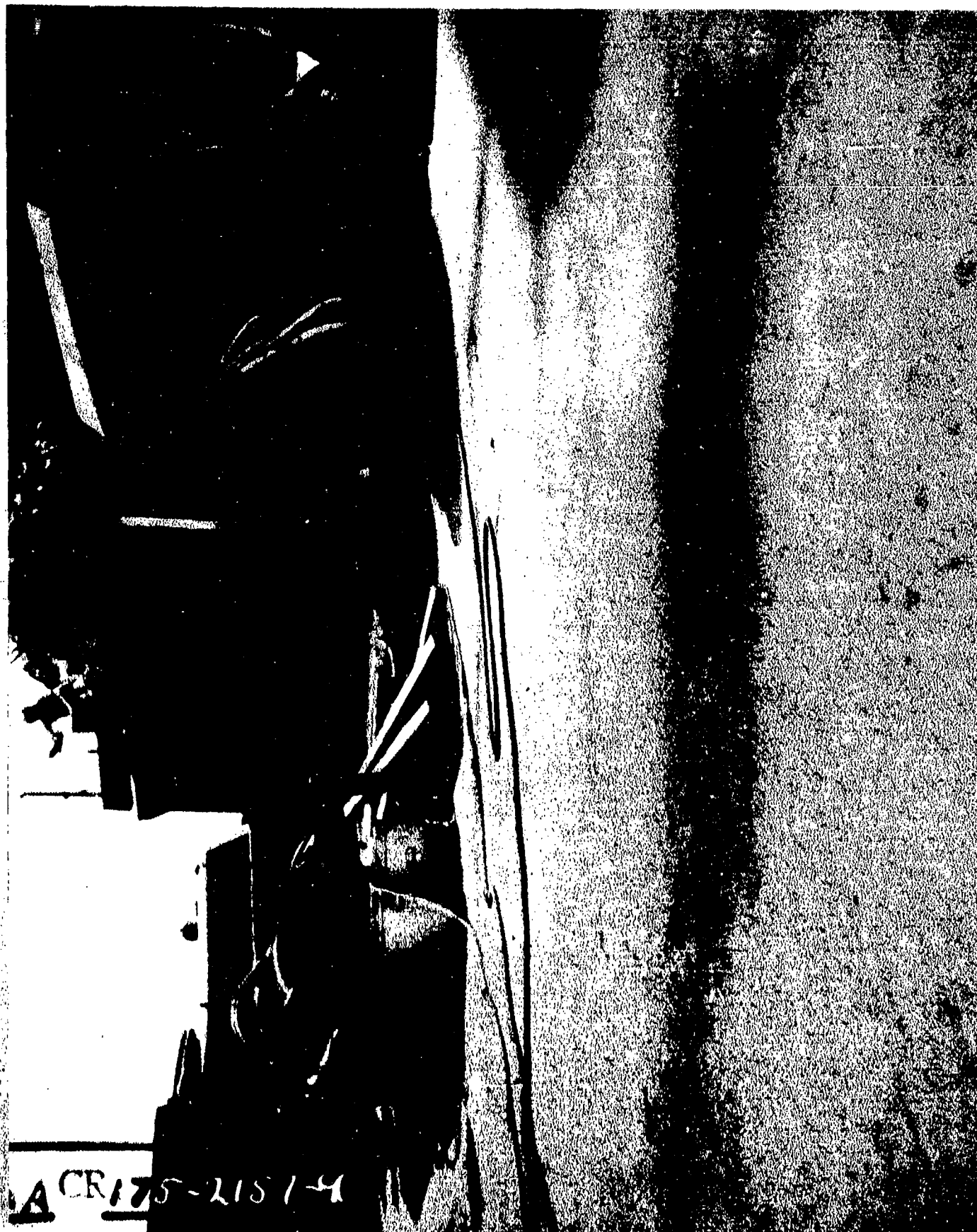
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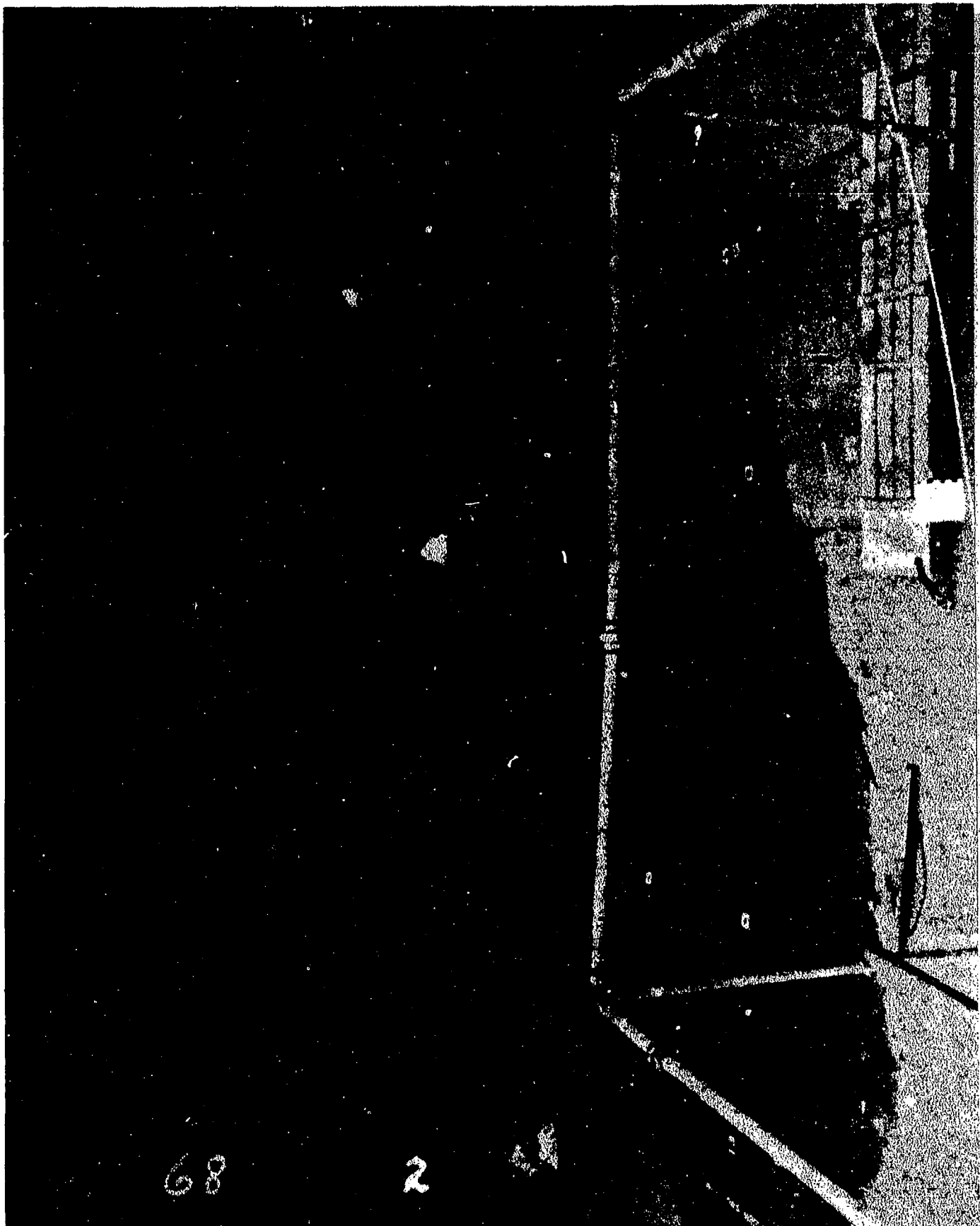
AA-CR-175-2157-9. Main deck dishing in well deck area and damage to bulkhead 61, looking forward and to port.

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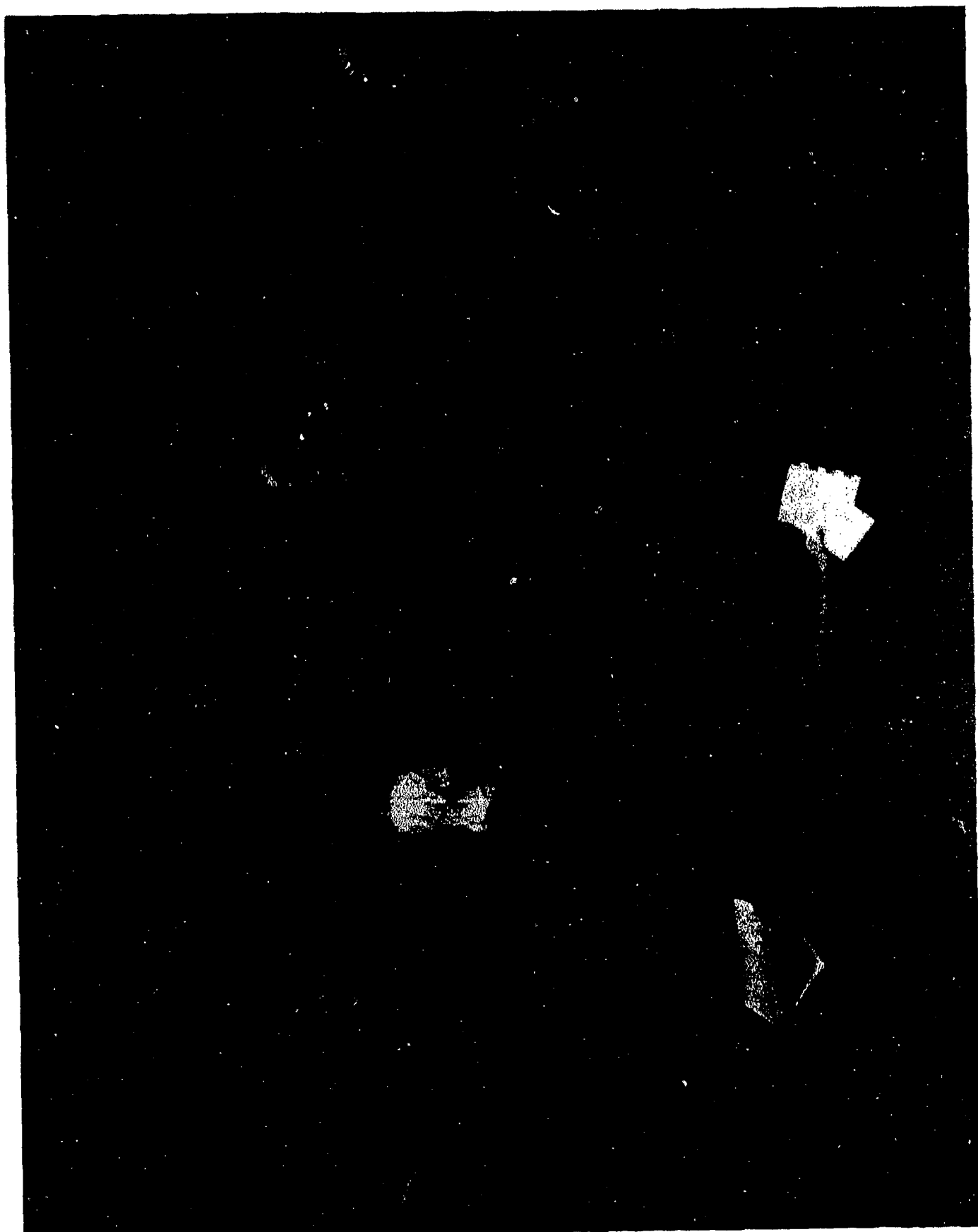
6544



AA-CR-68-1767-2. Looking forward in main deck, well deck area, showing area of severe deck deflection. Note deck plating failure athwartship at starboard after corner of hatch and fore and aft failure along edge of starboard stringer strake.

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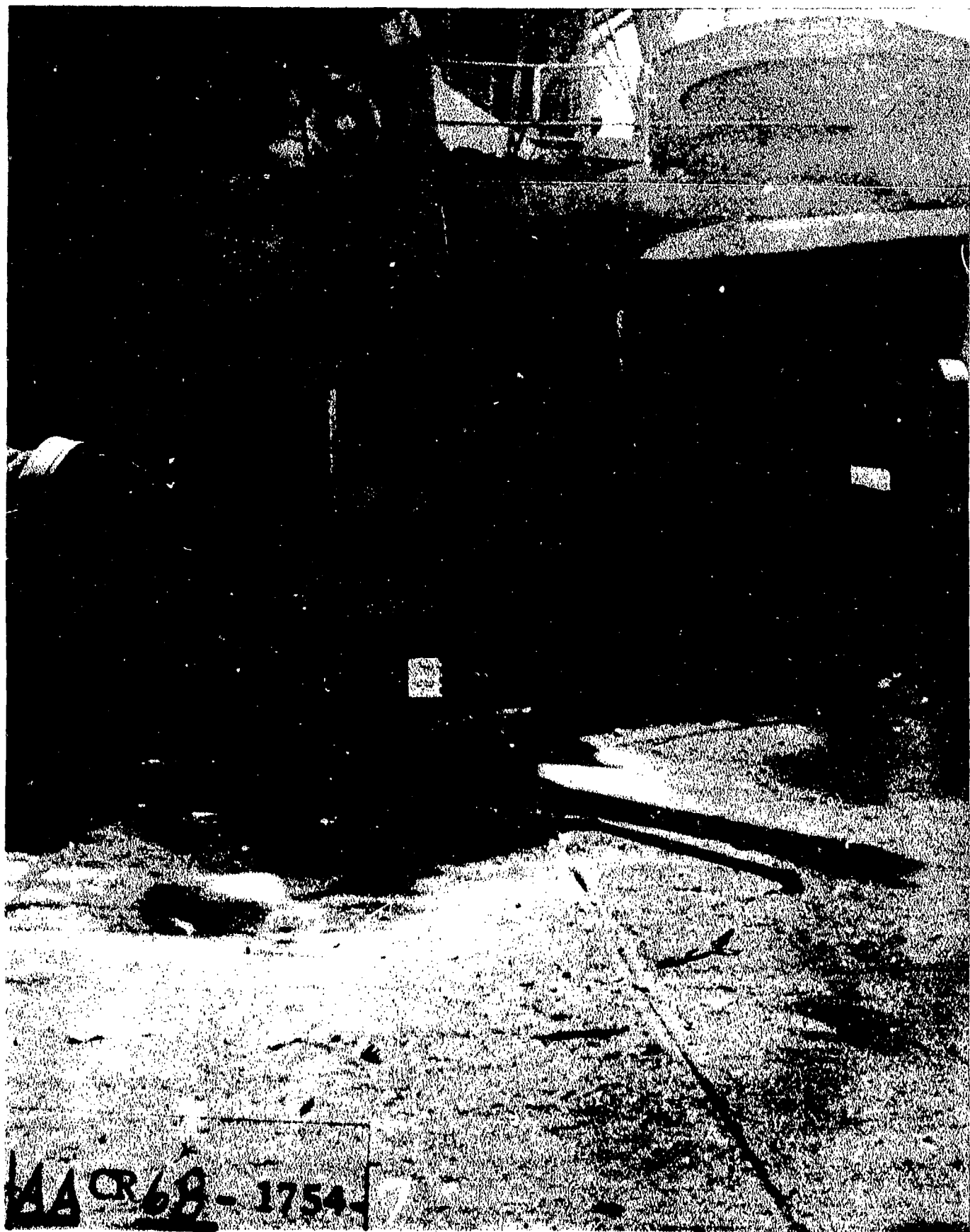
AA-CR-68-1767-1. Looking forward on main deck in well deck area, port side, from frame 72, (deck deflection survey in progress).

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AA-CR-68-1754-7. Main deck dishing in well deck area looking forward on centerline to bulkhead 61.

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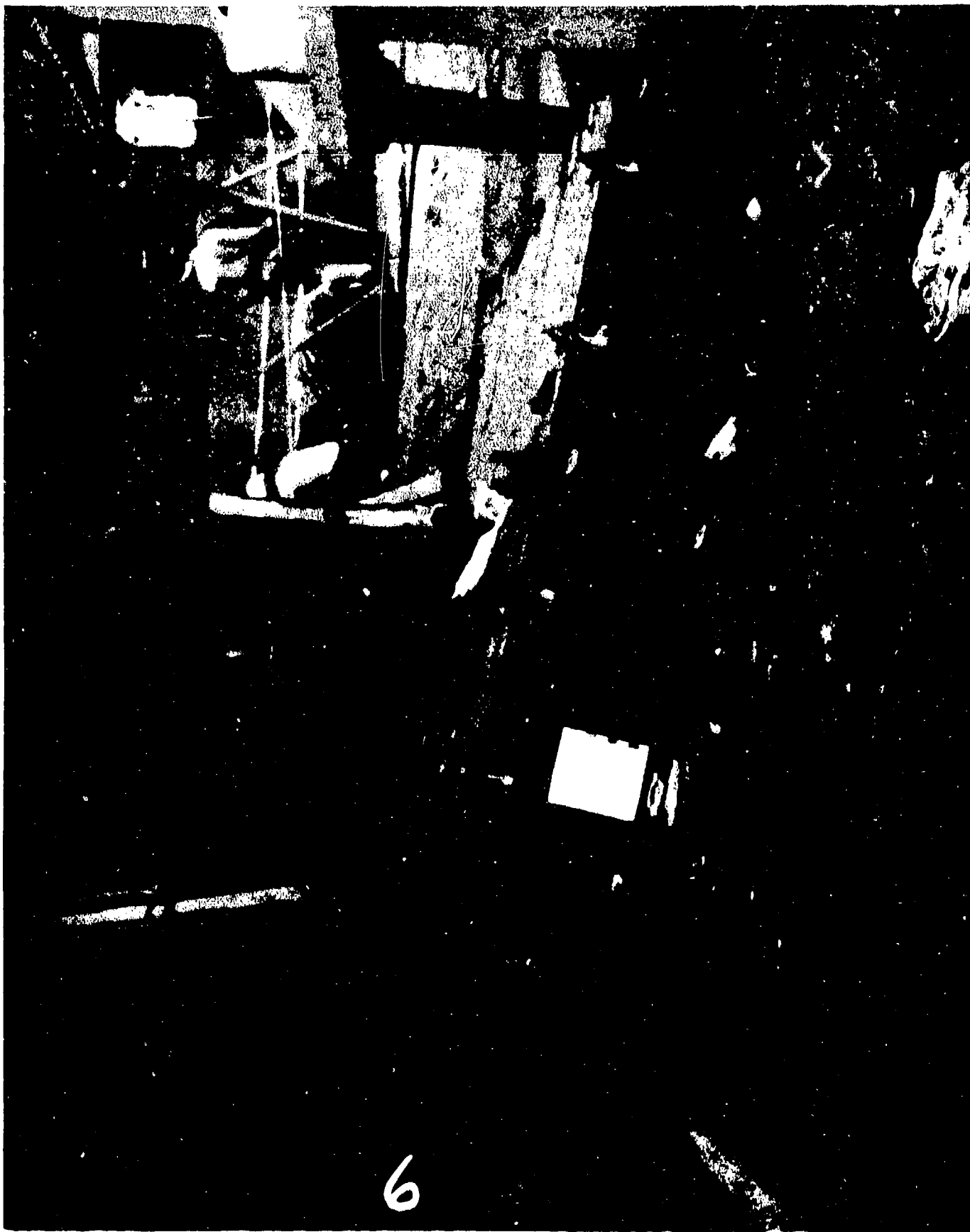
AA-CR-68-1767-8. Looking aft and to port on main deck in well deck area, from bulkhead 61 starboard.

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AA-CR-68-1767-6. Looking to starboard on main deck just aft of bulkhead 61 in well deck area showing deck deflection in way of centerline hatch.

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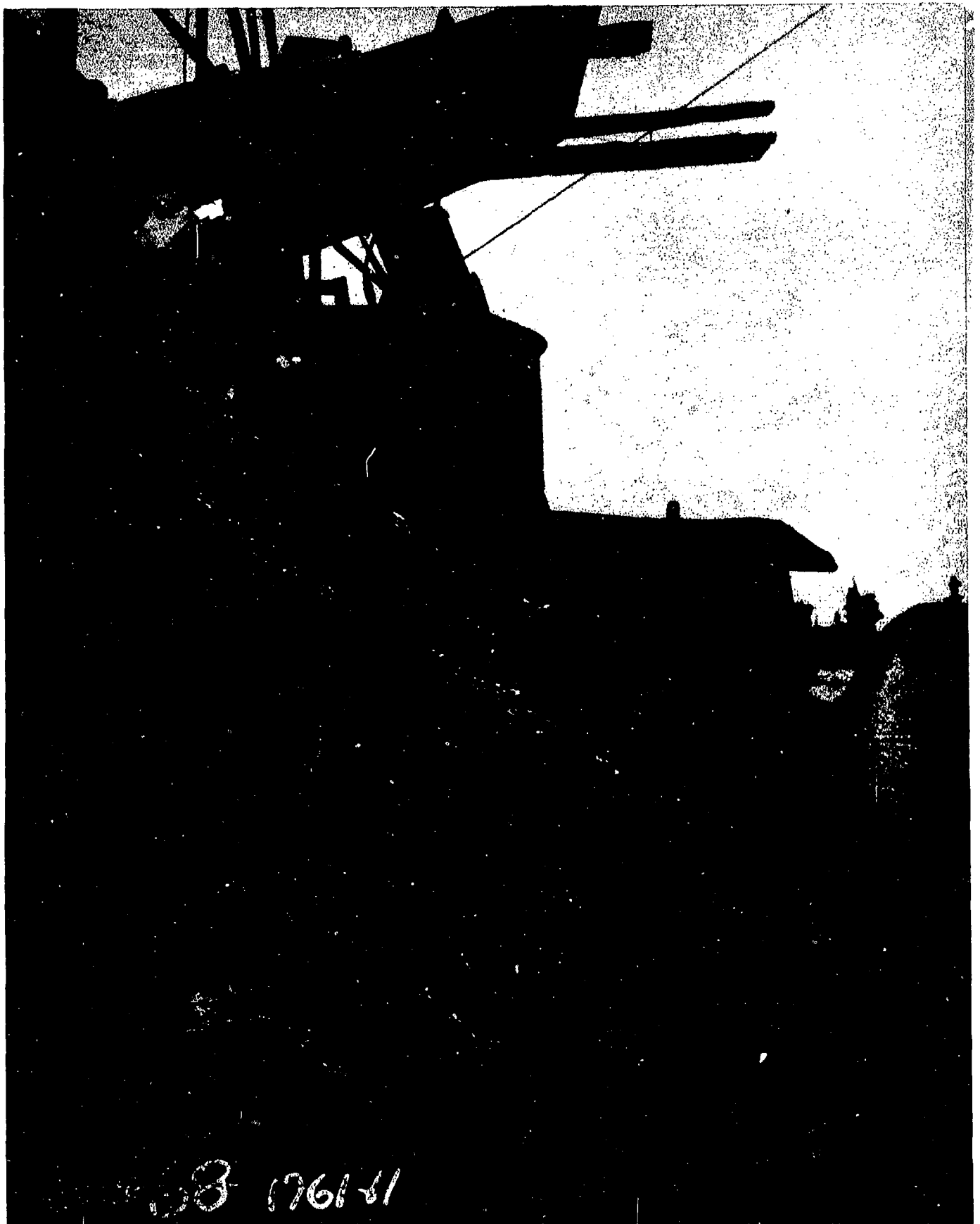
AA-CR-68-1767-5. Looking aft on main deck in well deck area showing ruptures at frame 62 1/2 in way of port ventilation trunk and hatch.

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AA-CR-68-1761-11. Looking to starboard and forward on main deck in well deck area showing damage to bulkhead 61.

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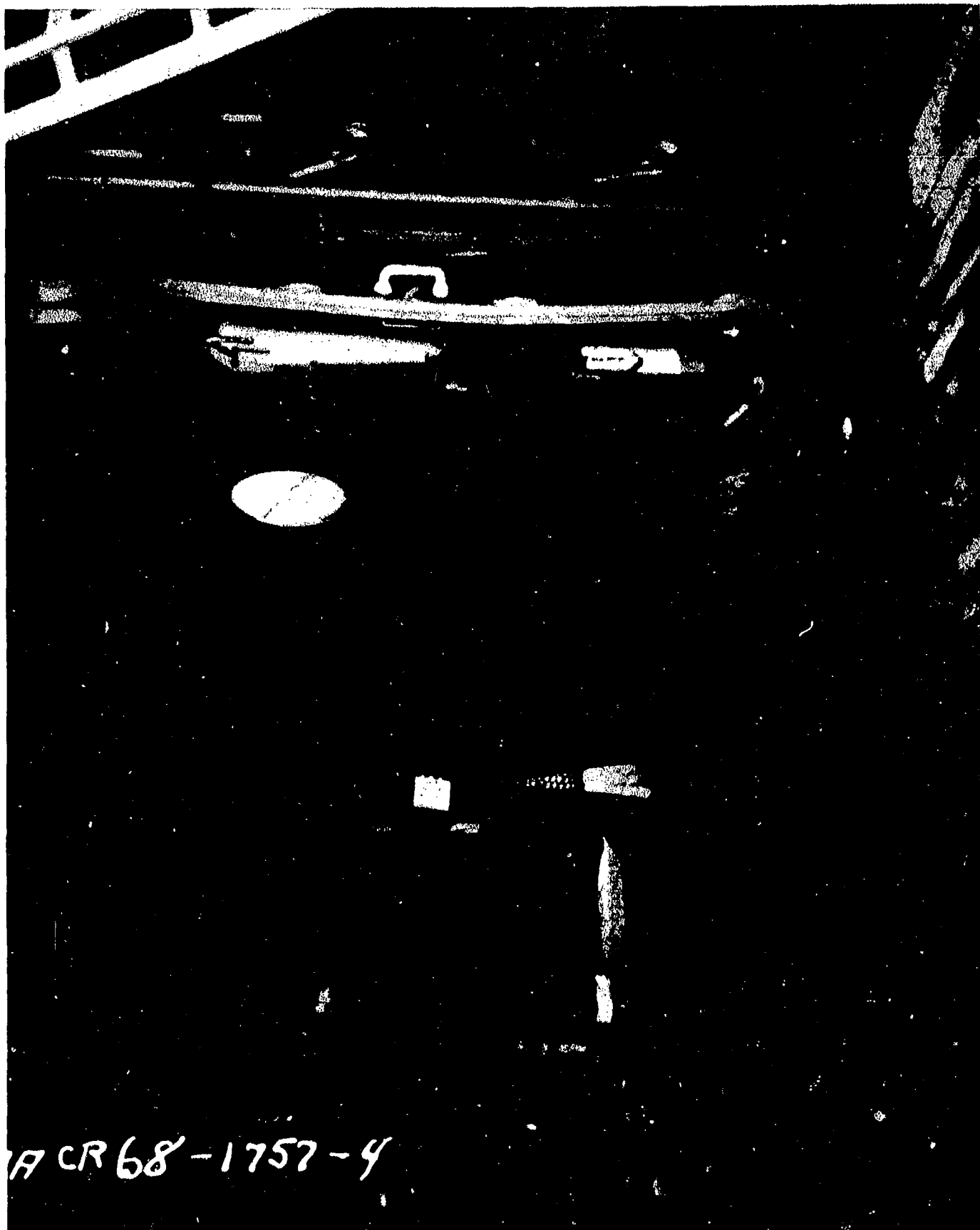
AA-CR-68-1754-9. Failure of main deck plating-butt at frame 62 1/2 to starboard of centerline hatch in well deck area.

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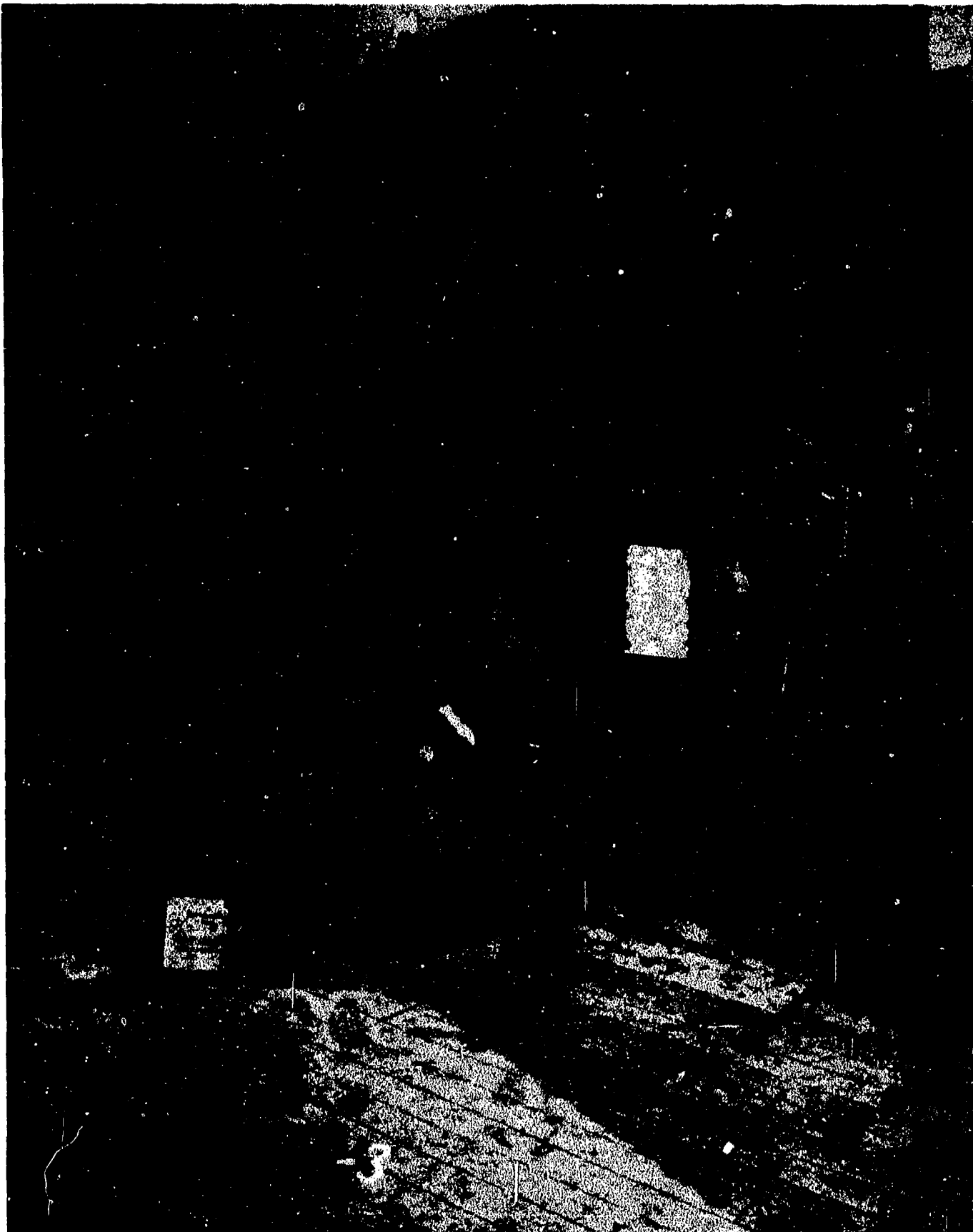
AA-CR-68-1757-4. Blast damage, looking forward from frame 102, port side, main deck.

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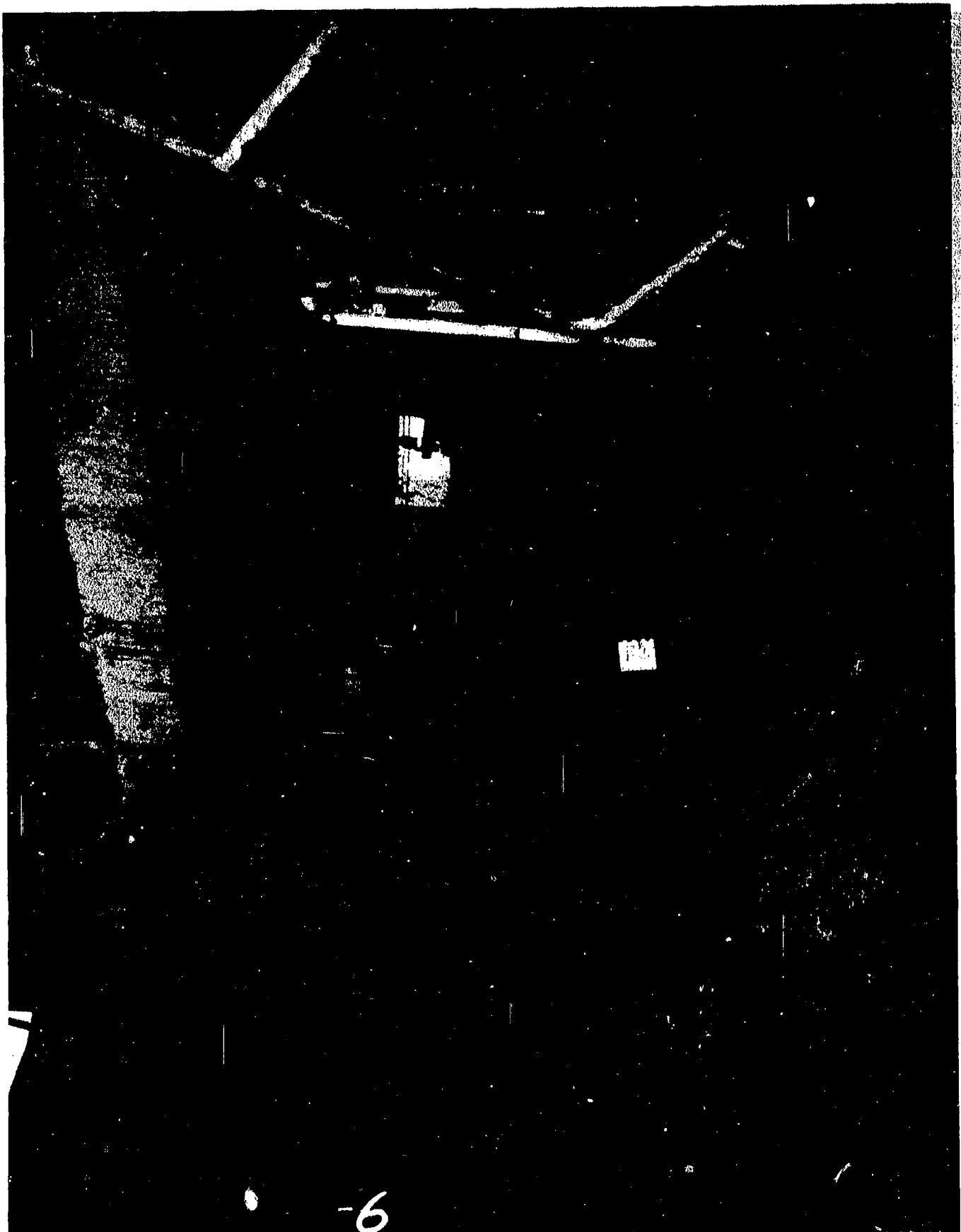
AA-CR-68-1757-3. Collapsed ventilation duct, frame 100, port, main deck, looking forward.

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AA-CR-68-1756-6. Looking aft at bulkhead 104 starboard, main deck, from frame 99.

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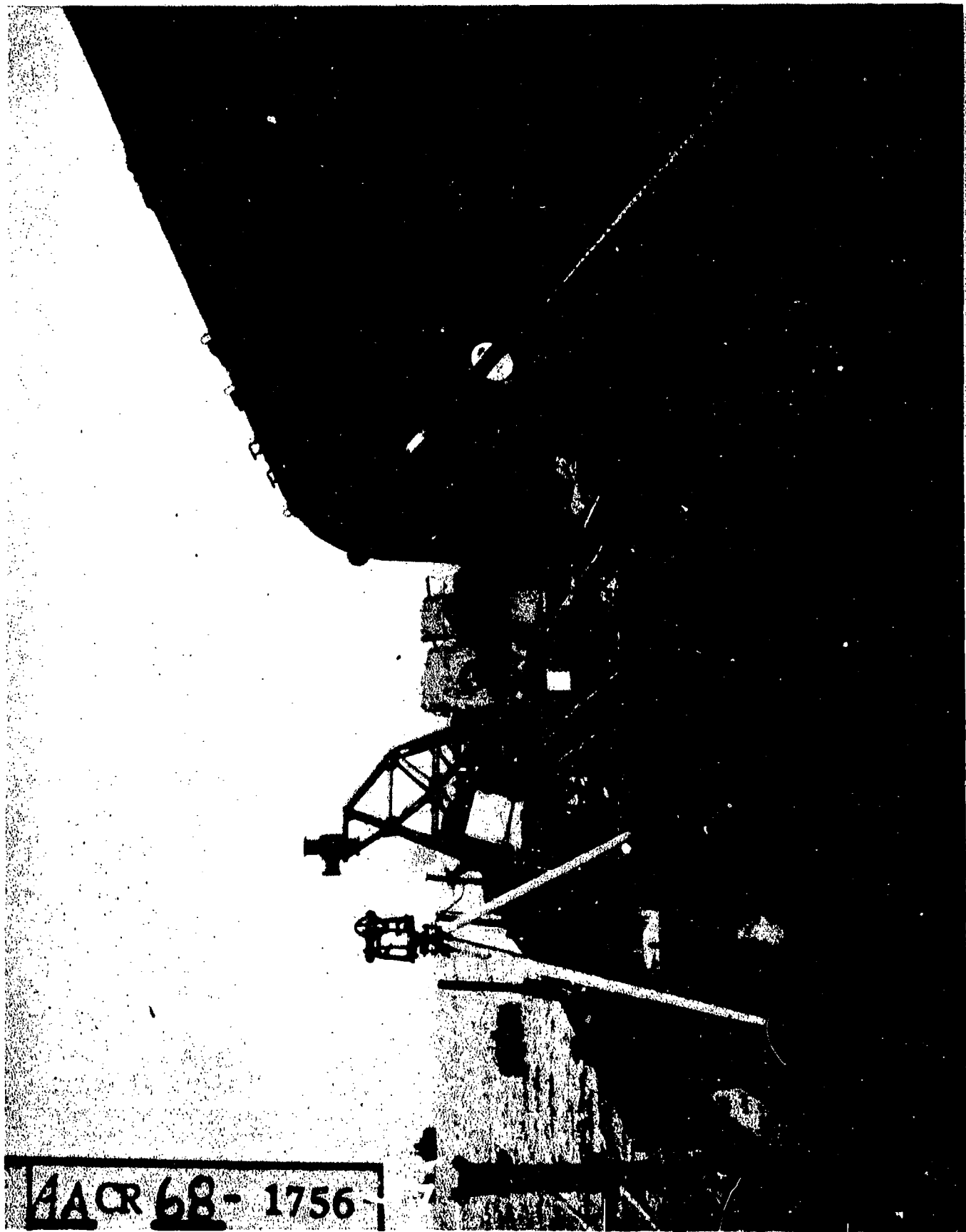
AA-CR-98-1965-7. Main deck, port side looking forward from frame 108, showing scorched wood deck.

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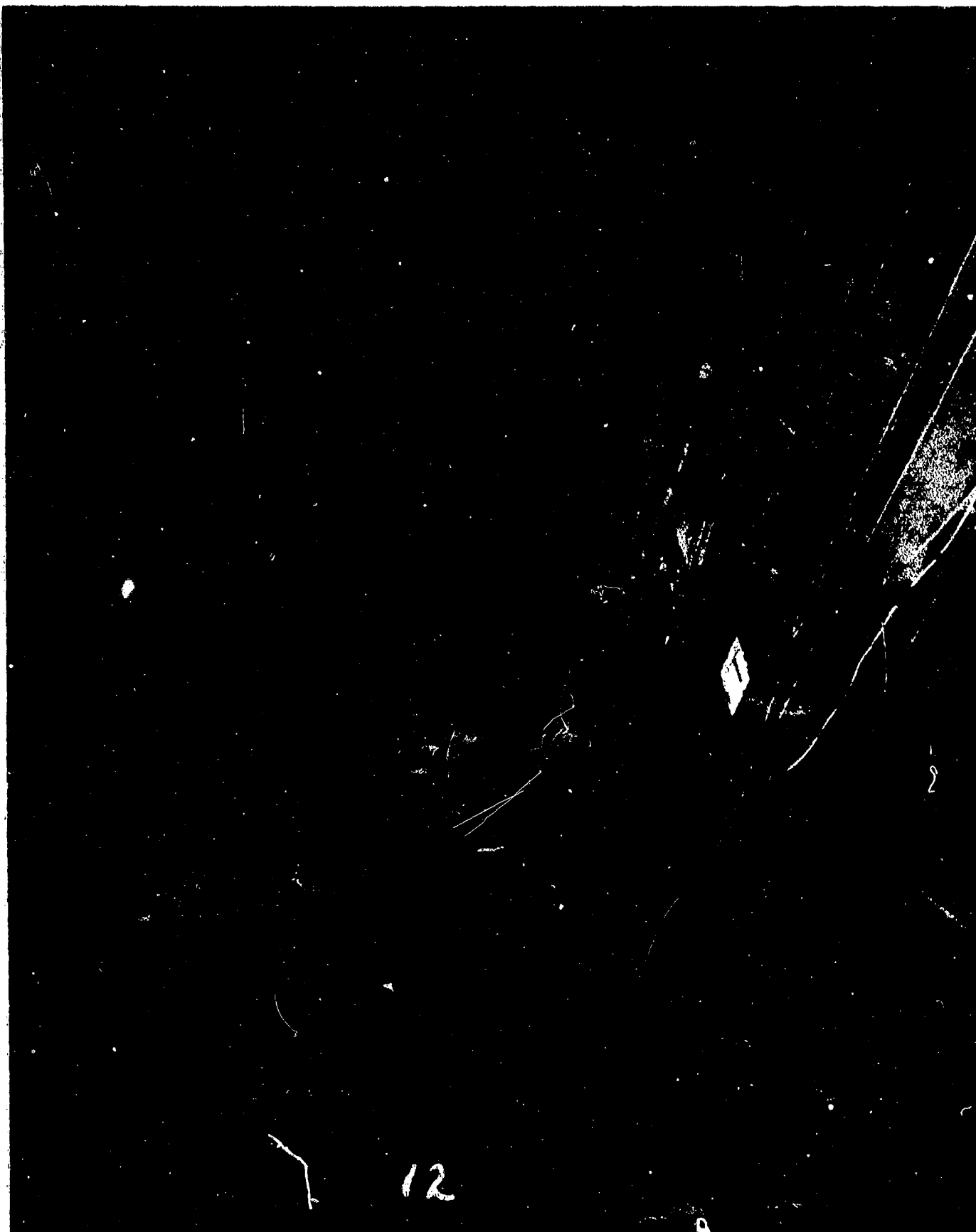
AA-CR-68-1756-7. General view looking aft from frame 160 showing condition of starboard side of main deck.

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AA-CR-68-1766-12. General view of main deck aft, looking aft and to port, showing deck dishing just aft of No. 4 mount.

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AA-CR-175-2158-10. Main deck, starboard, looking from frame 120, after removal of burned Army equipment showing damage to wood decking; also the downward deflection of the deck further aft is noticeable.

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AA-CR-68-1764-8. Looking aft and to port on main deck, showing burned wood deck in way of special Army equipment stowage.

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AA-CR-68-1756-8. Damaged portion of main deck, frame 122, starboard showing former location of Army equipment destroyed by fire.

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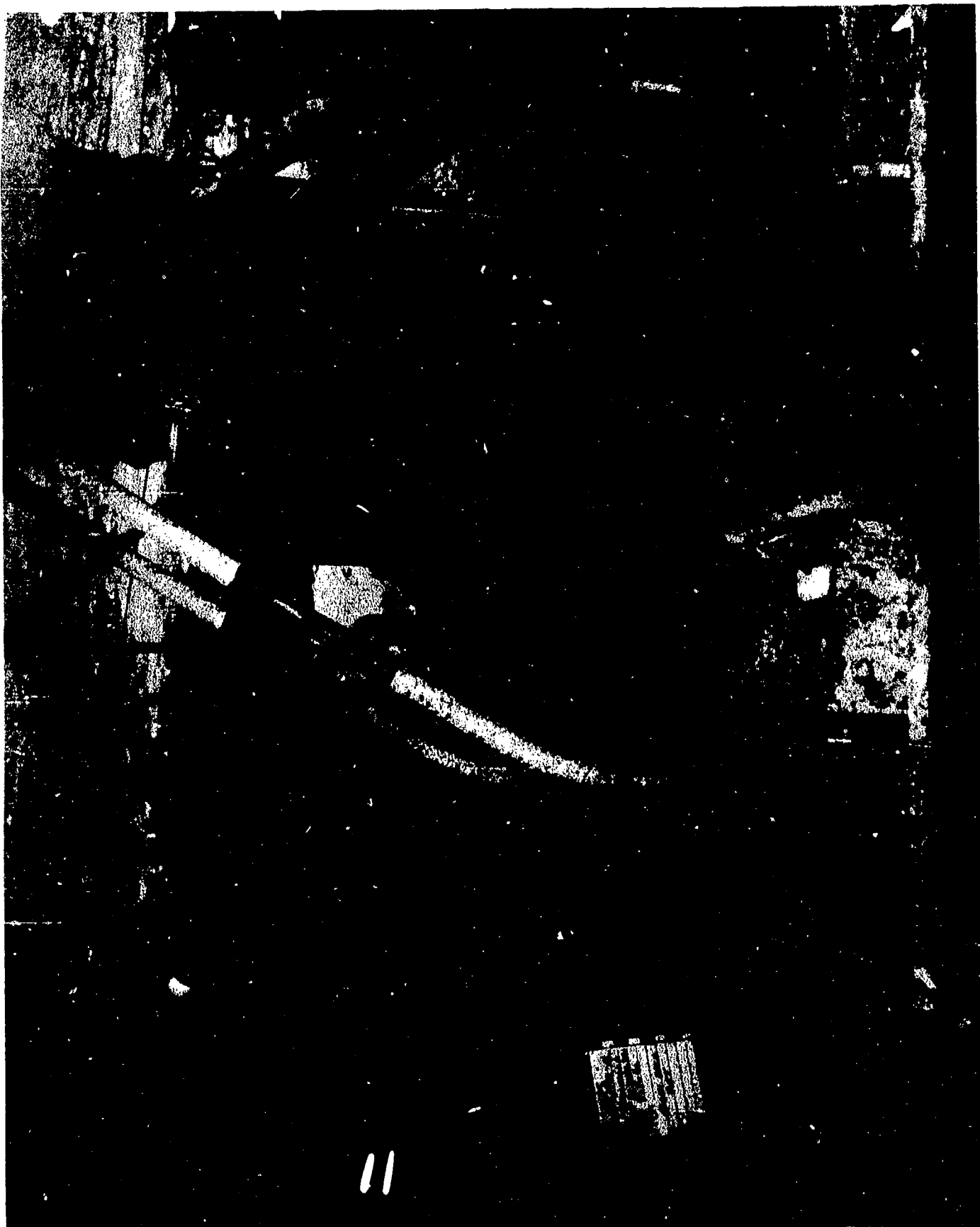
AA-CR-68-1764-10. Looking athwartship to port on main deck in dished area just aft of No. 4 mount.

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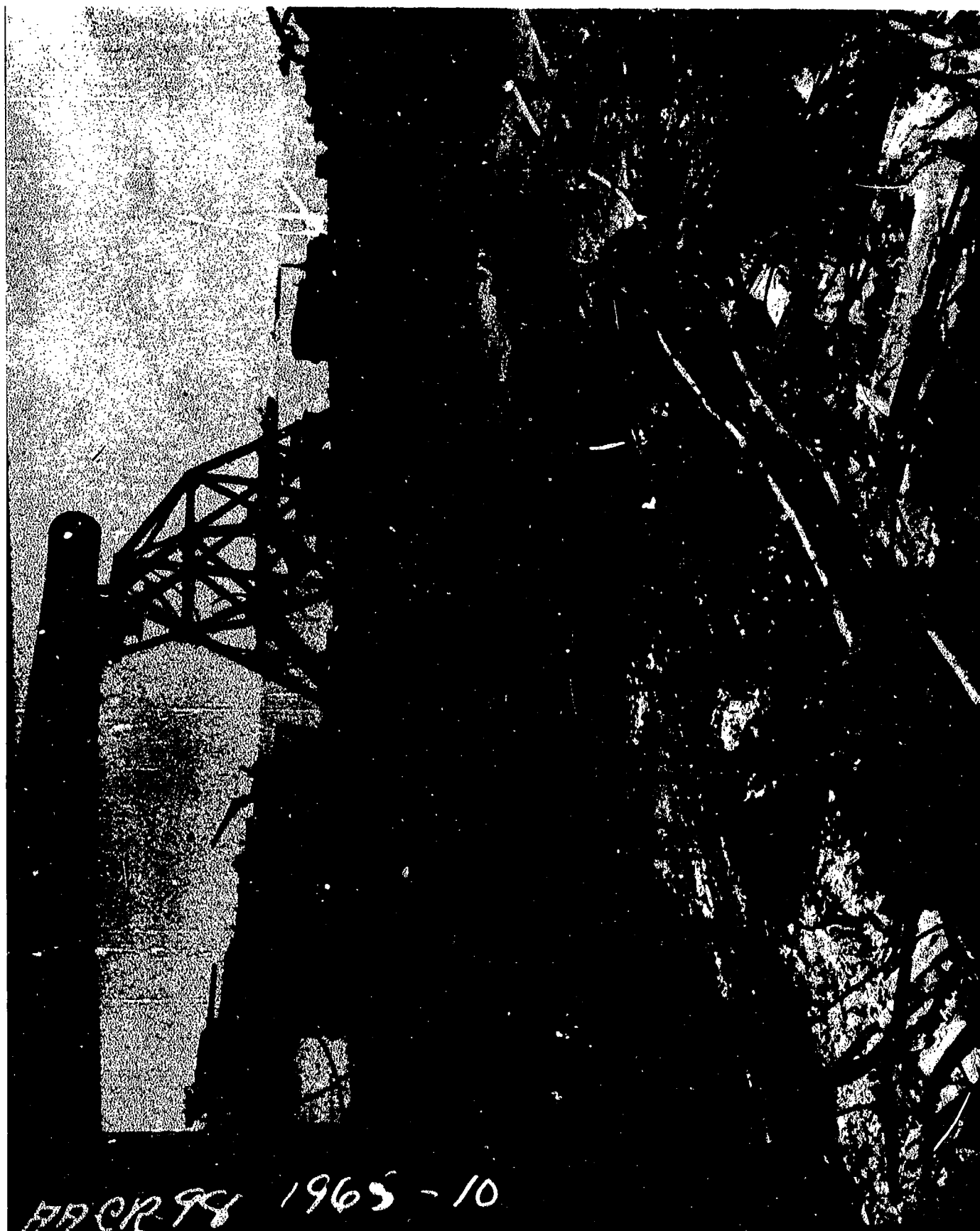
AA-CR-68-1764-11. Looking athwartship to port on main deck in dished area between winch and No. 4 mount.

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AA-CR-98-1965-10. Close-up of burned special equipment on main deck abreast No. 4 mount, looking aft and to starboard, showing deck dishing aft.

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AA-CR-98-1965-9. Close-up of burned special equipment on main deck to port of No. 4 mount, looking aft.

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AA-CR-98-1965-8

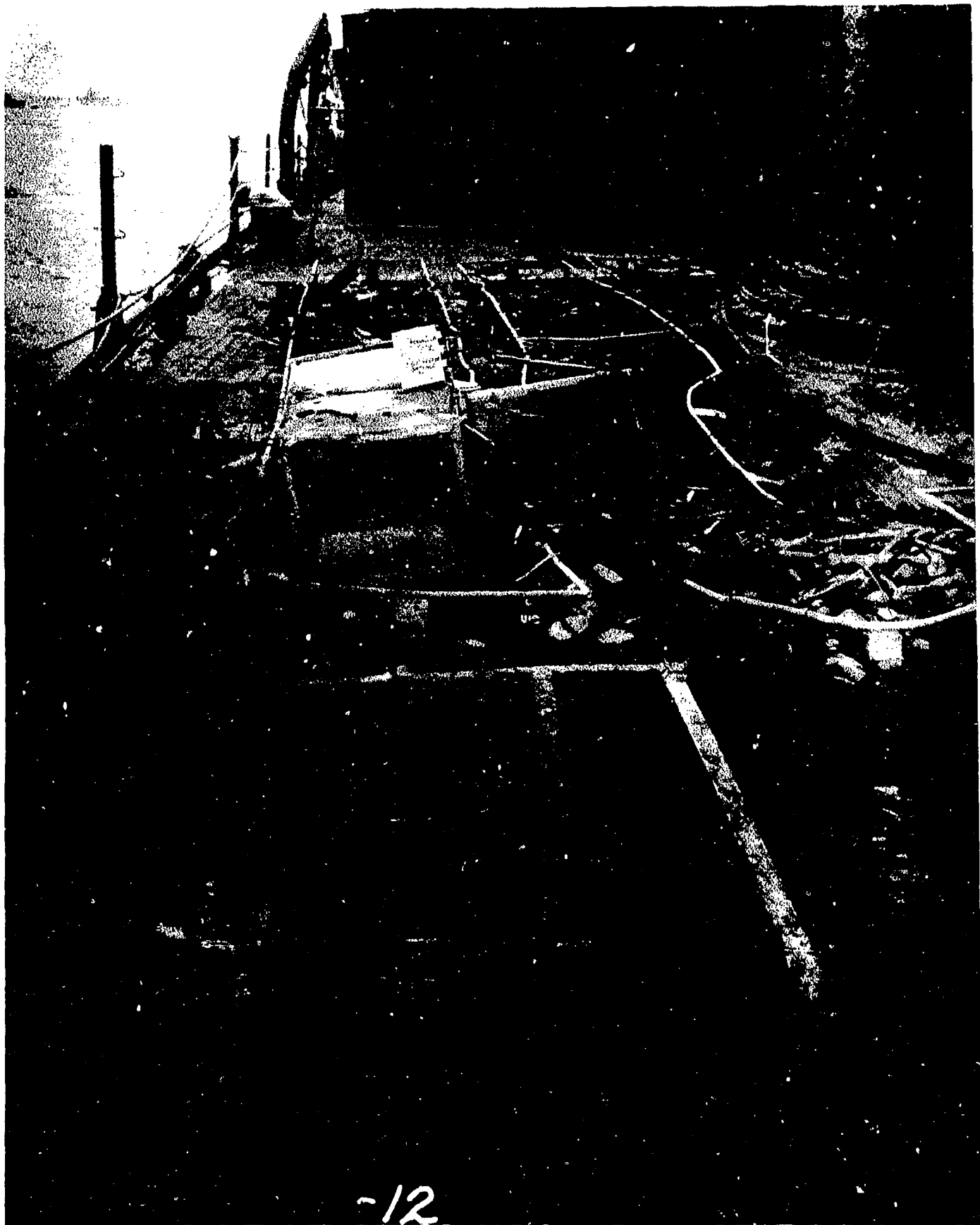
AA-CR-98-1965-8. Looking aft on port side in way of burned special equipment on main deck abreast No. 4 mount.

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AA-CR-68-1756-12. Port side of weather deck, looking forward from frame 125 showing some of remains of burned Army equipment.

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AA-CR-68-1756-11. Looking forward on weather deck from frame 130; the deflection of the deck is noticeable from edge of number 4 mount aft. Note pocket of water, also separation in deck just aft of turret foundation.

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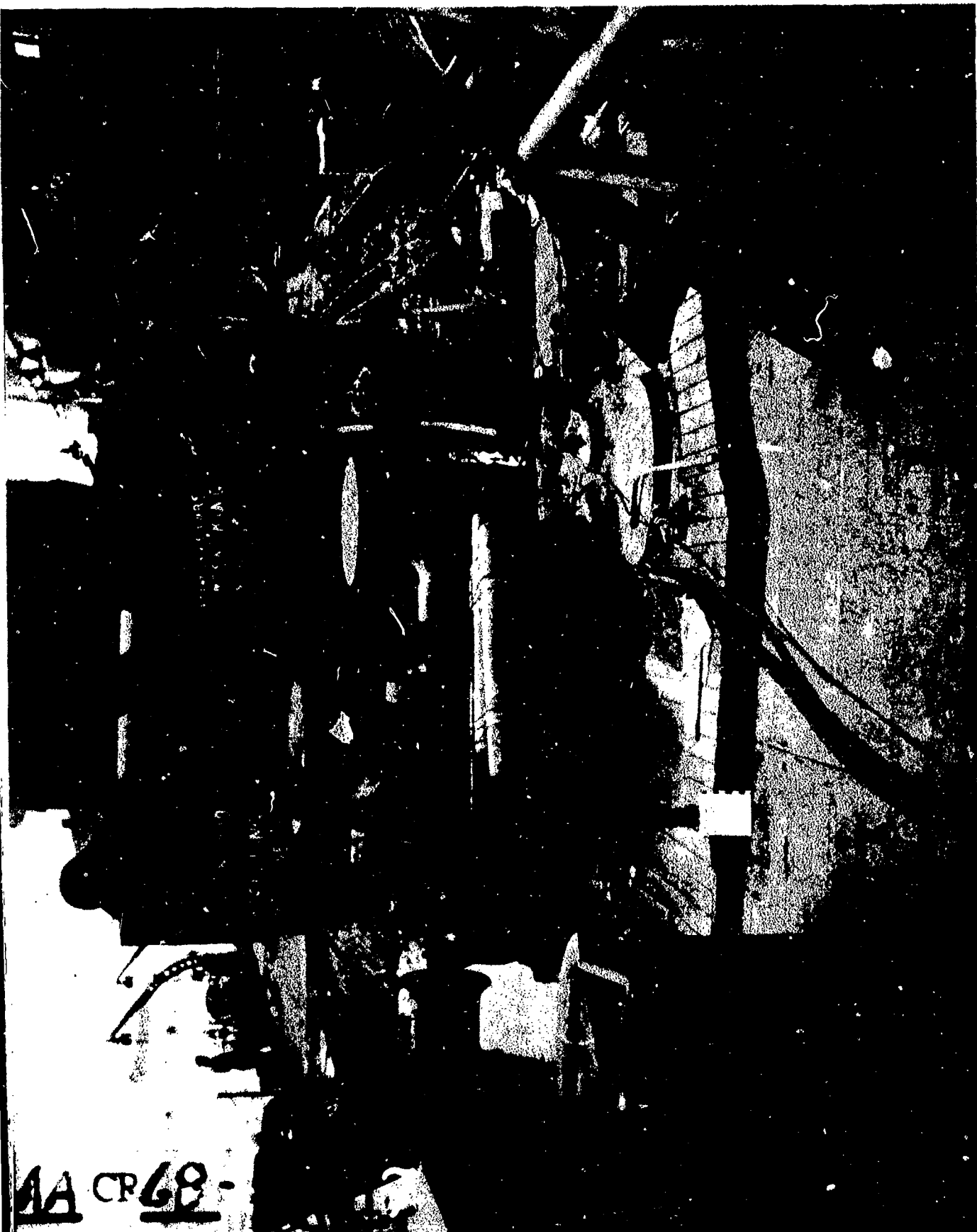
AA-CR-175-2158-9. Looking to port on main deck, frame 125, after burned Army equipment had been removed and the deck made watertight.

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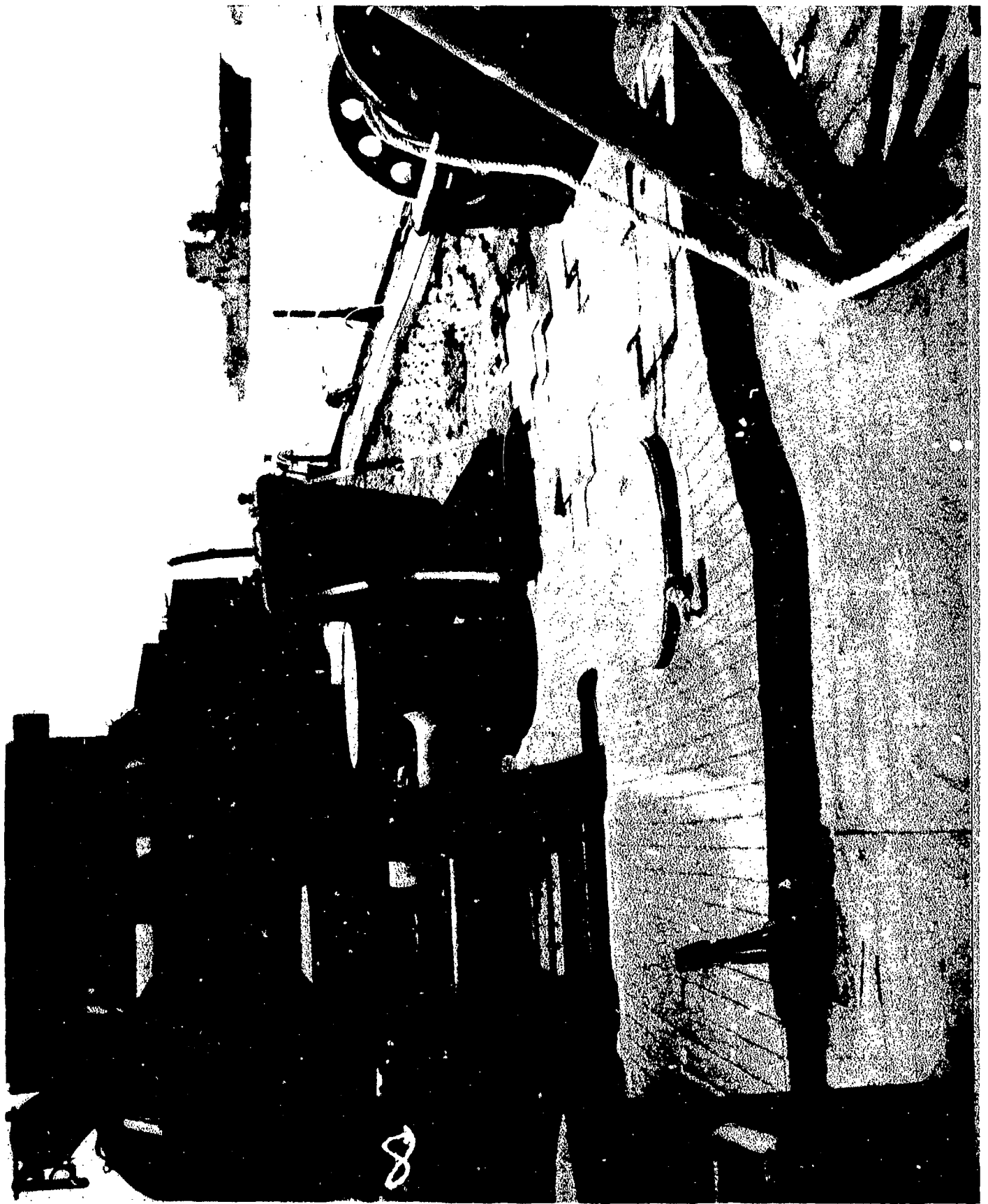
AA-CR-68-1764-7. Looking forward on main deck aft from frame 133,  
(APA 229 alongside).

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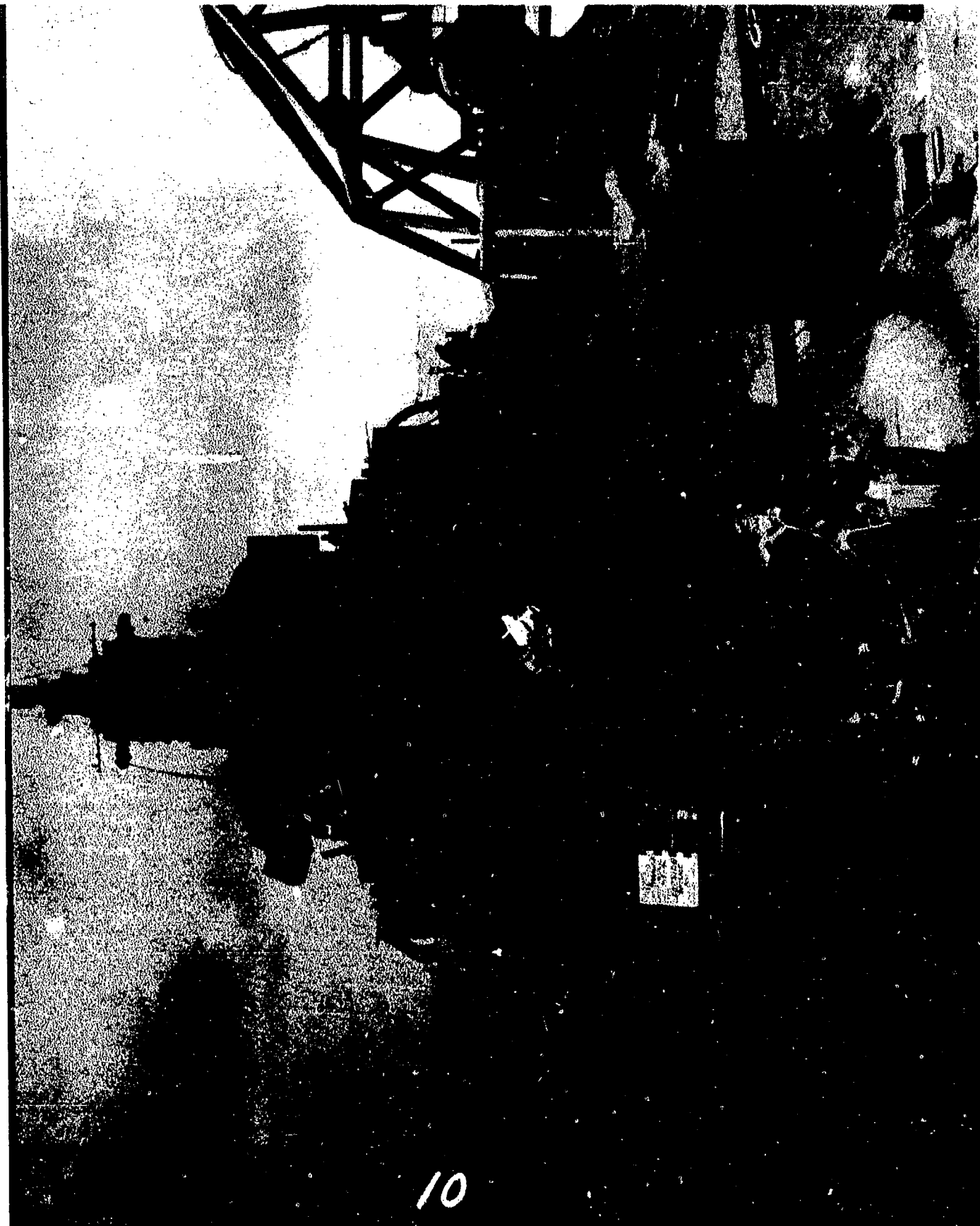
AA-CR-175-2158-8. Looking forward along weather deck to starboard from frame 135 after debris had been removed.

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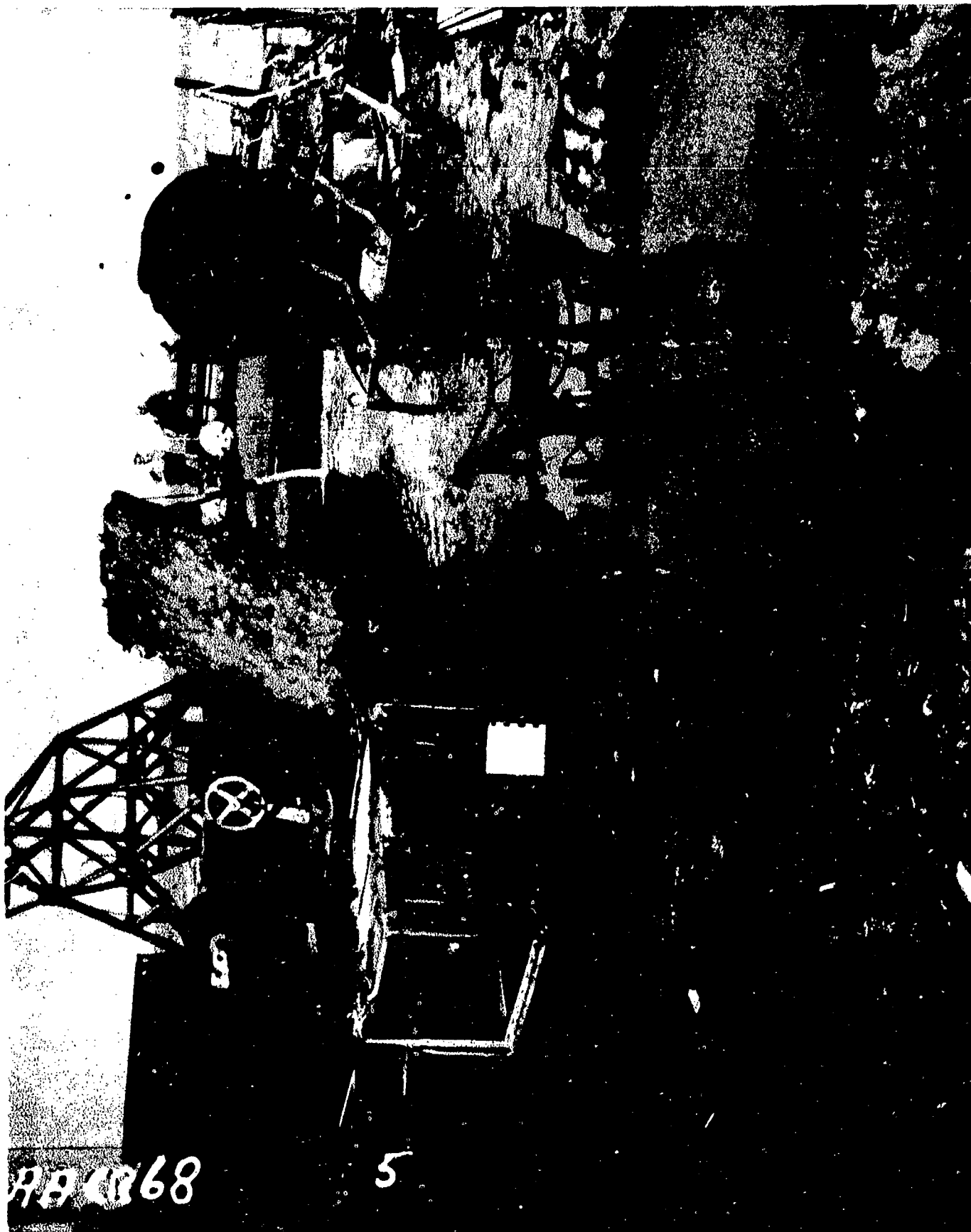
AA-CR-68-1756-10. Looking forward on weather deck from frame 138.  
Note maximum deflection of deck occurs in way of the two companion hatches  
in the background, frames 125-126.

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AA-CR-68-1764-5. General view of main deck aft, looking toward stern on port side.

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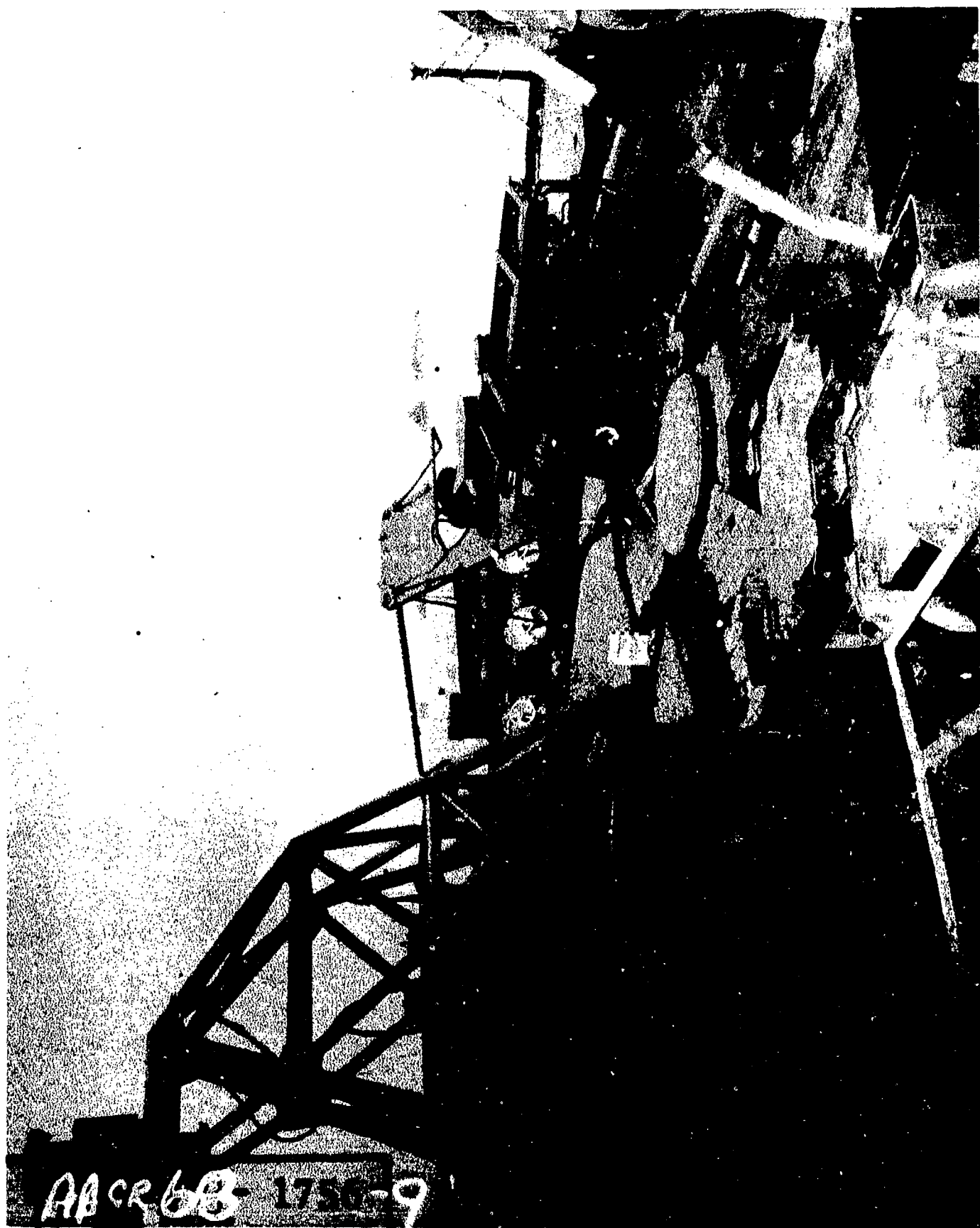
AA-CR-98-1965-11. Looking forward and to port on main deck aft to area of burned special equipment stowed to port of No. 4 mount.

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AA-CR-68-1756-9. Looking aft and to port on weather deck from frame 125. Note light charring of wooden decking on port side where deck was directly exposed.

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AA-CR-175-2158-5. Looking to starboard on weather deck, frame 122, after burned equipment stowed on deck during test, had been removed.

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AA-CR-175-2158-6. Looking aft and to starboard on weather deck from frame 126, in way of the maximum deck deflection.

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AA-CR-175-2158-11. Looking aft and to starboard from frame 134 after debris had been removed.

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AA-CR-175-2158-12. Looking to port on weather deck from frame 134 after debris had been removed.

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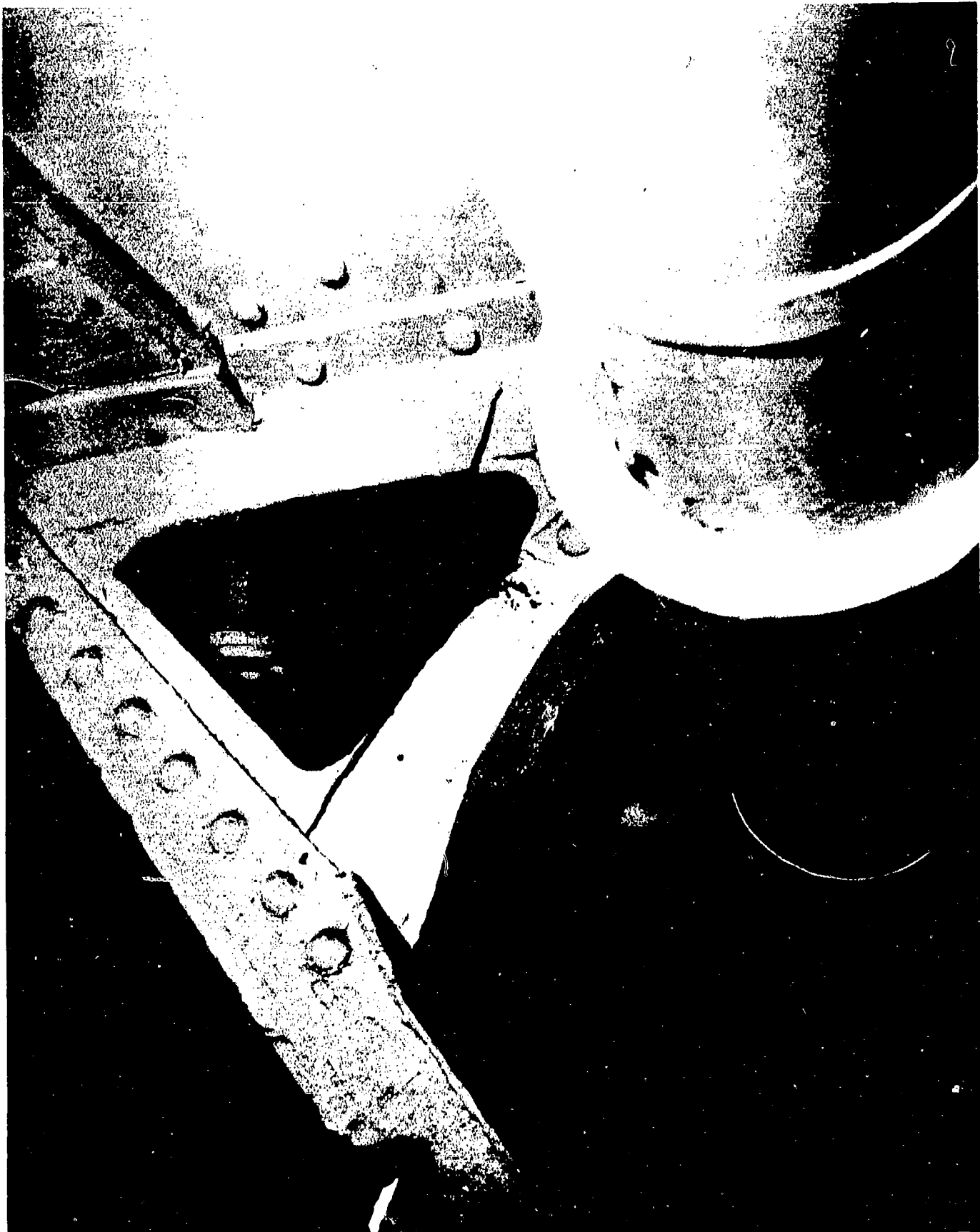
AA-CR-98-1965-12. Looking aft and to port on main deck showing deck dishing at frame 135.

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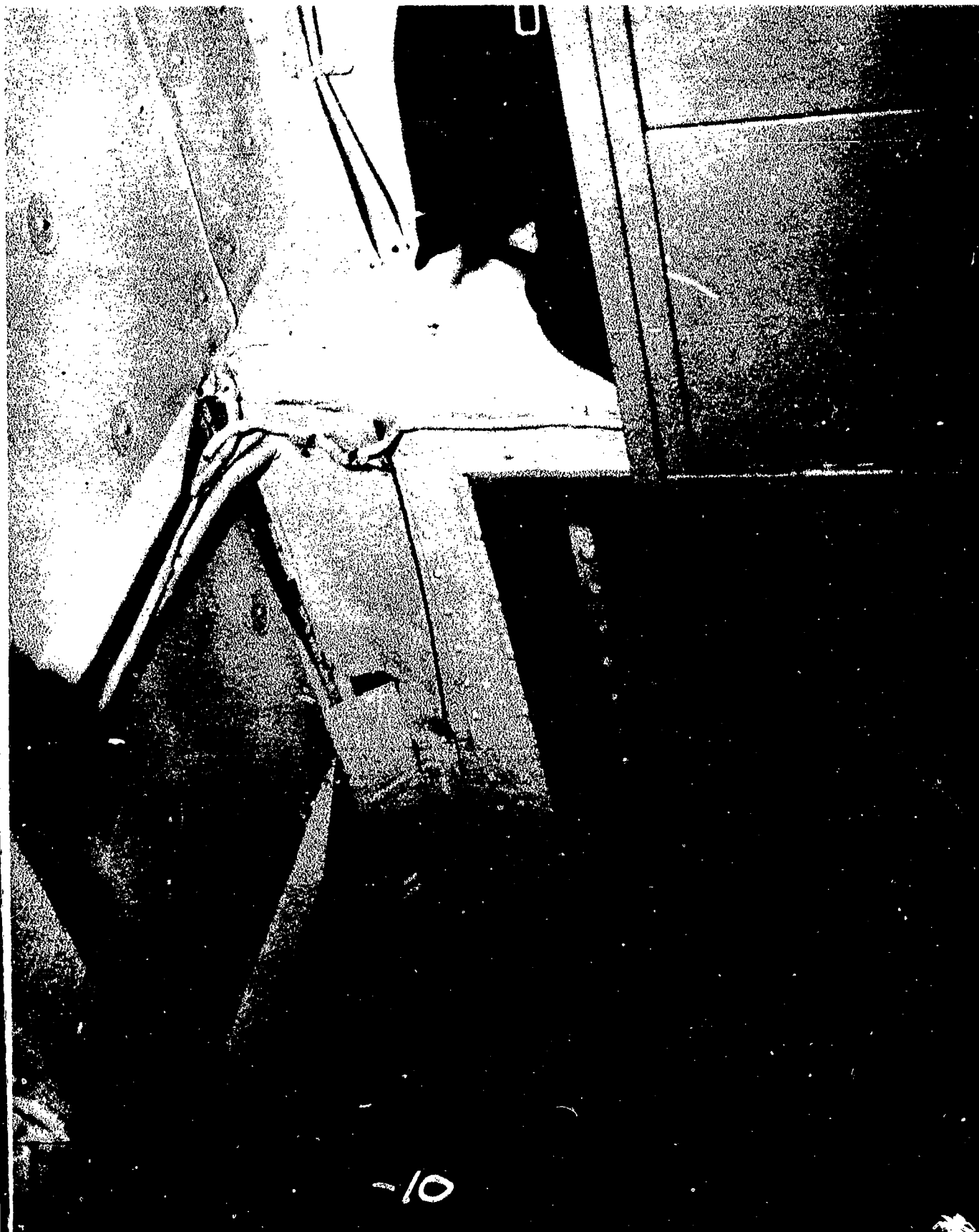
AA-CR-68-1762-1. Cracked bracket at frame 16 port side under main deck.

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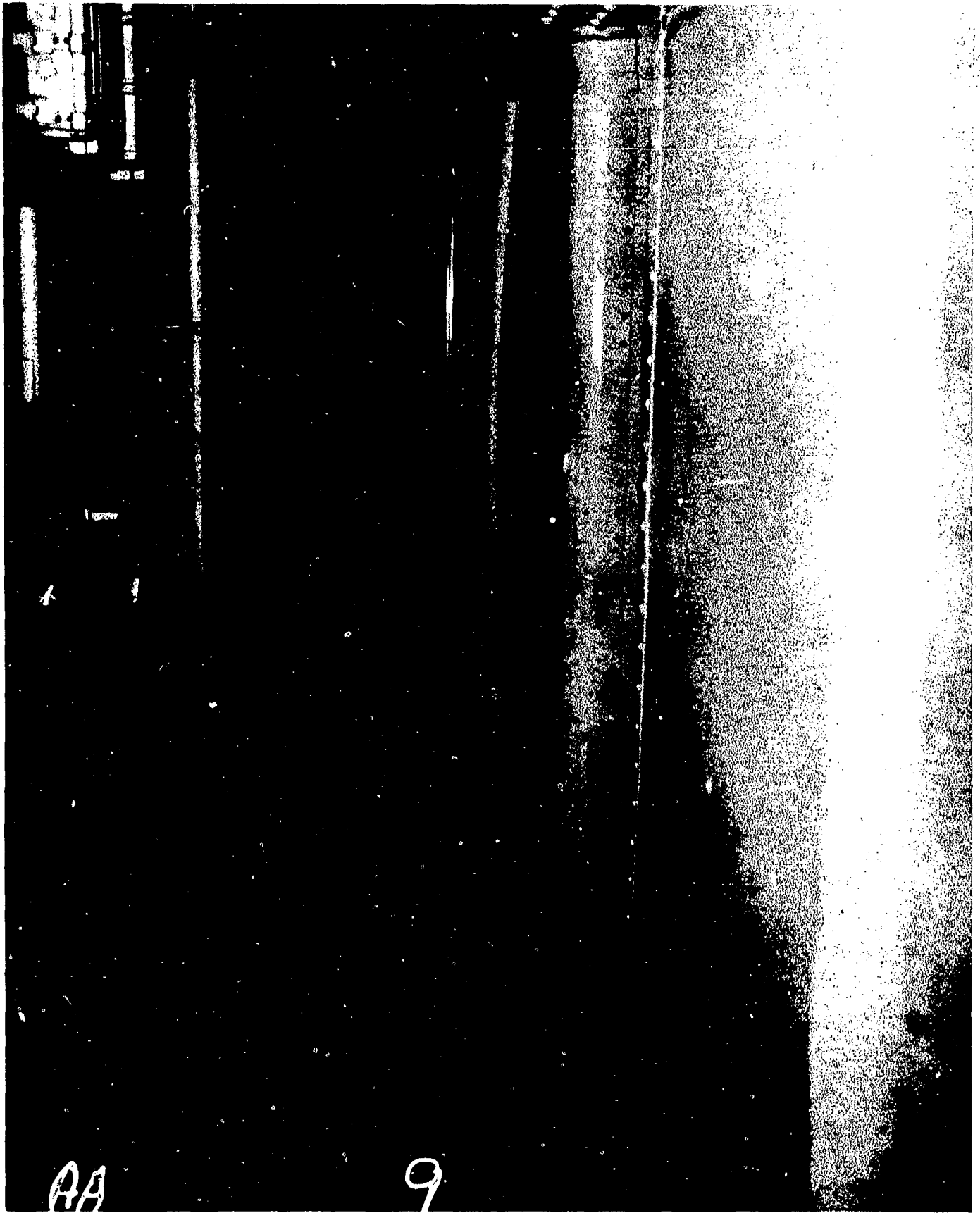
AA-CR-68-1761-10. Typical damage to metal joiner bulkhead over a door, from pressure above.

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AA-CR-68-1761-9. Typical bulge in metal joiner bulkhead from pressure above.

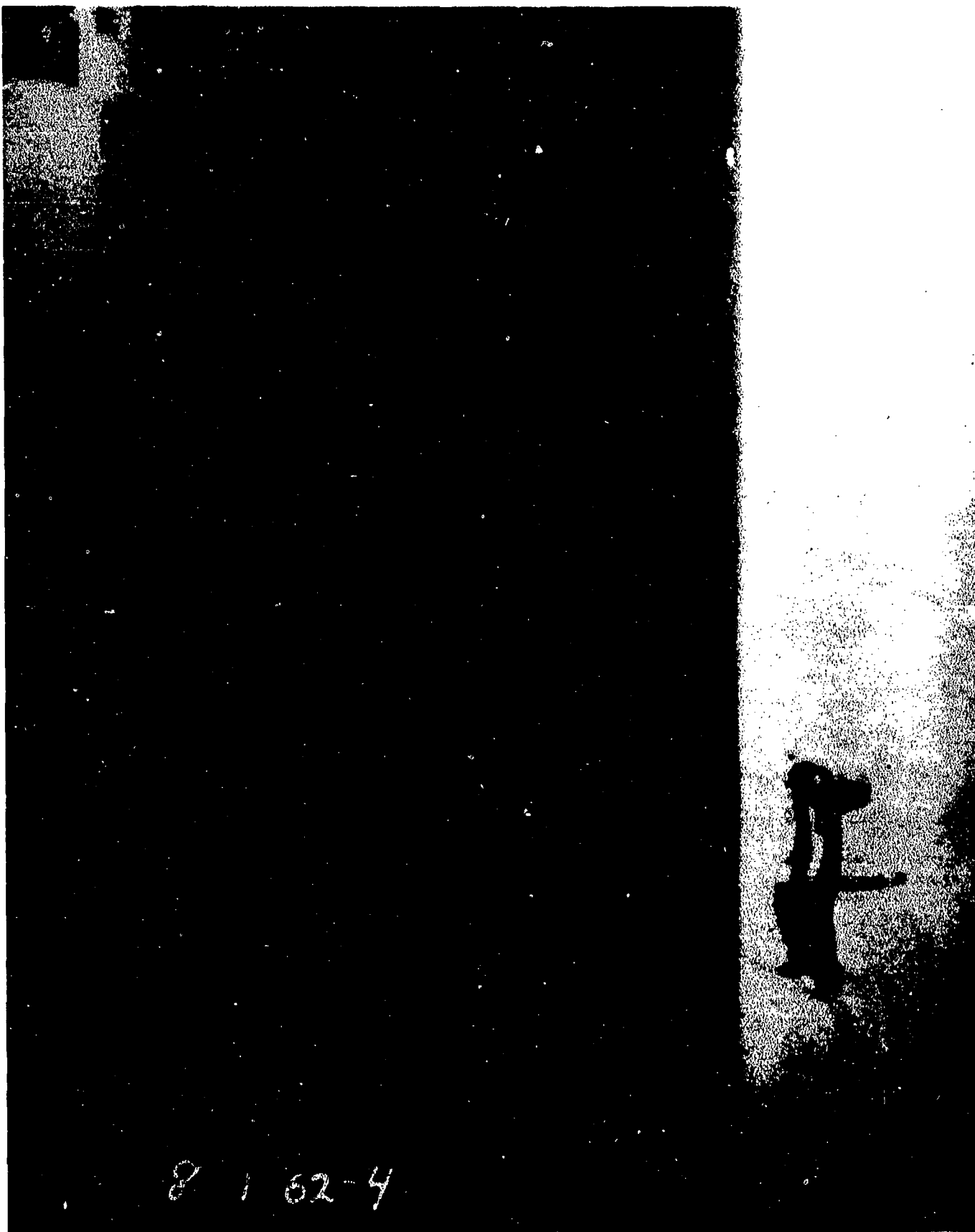
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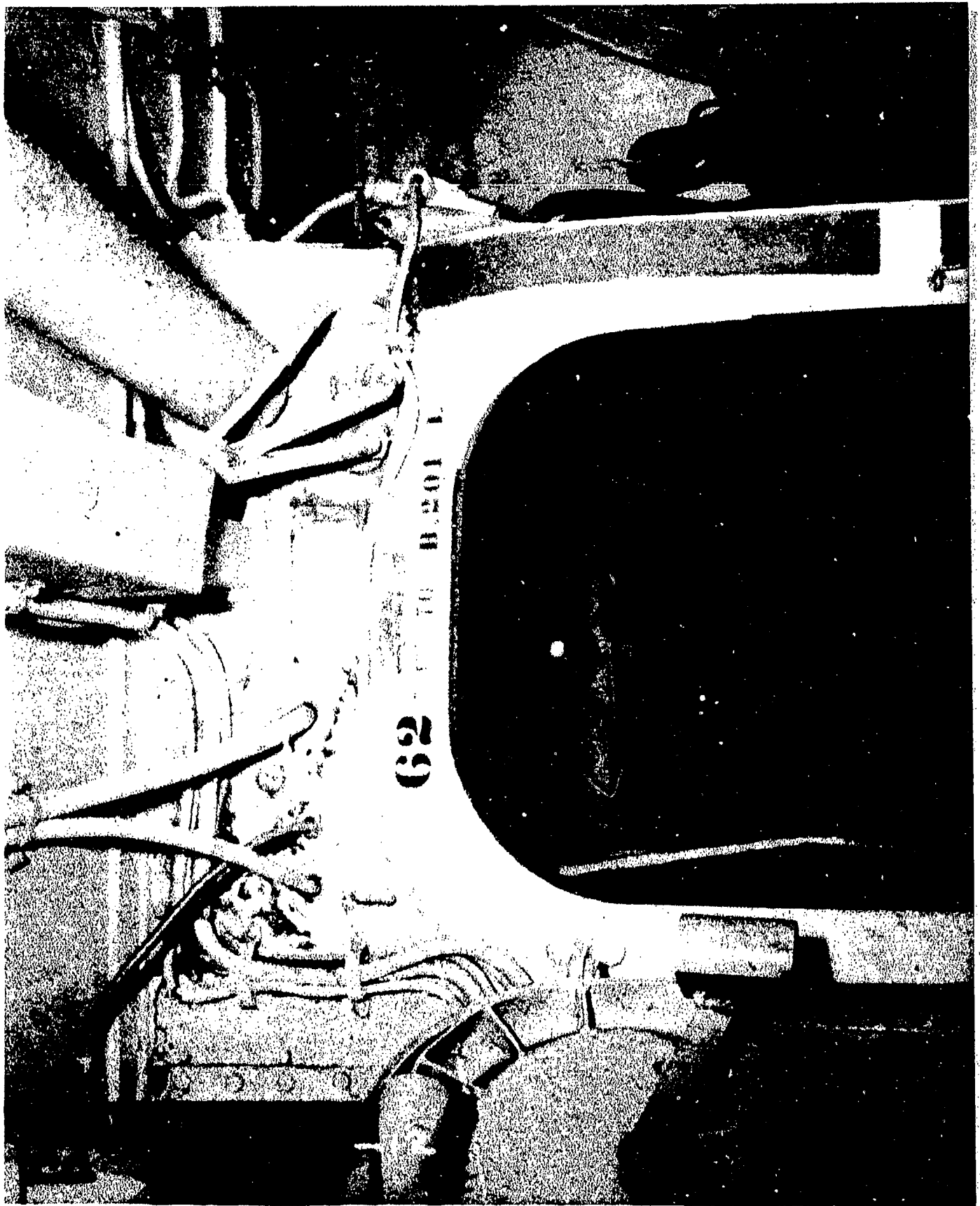
AA-CR-68-1762-4. Looking aft on 2nd deck from frame 48 into starboard passage B-201L showing damage to Marine Office bulkhead caused by venting of blast pressure from air intake area.

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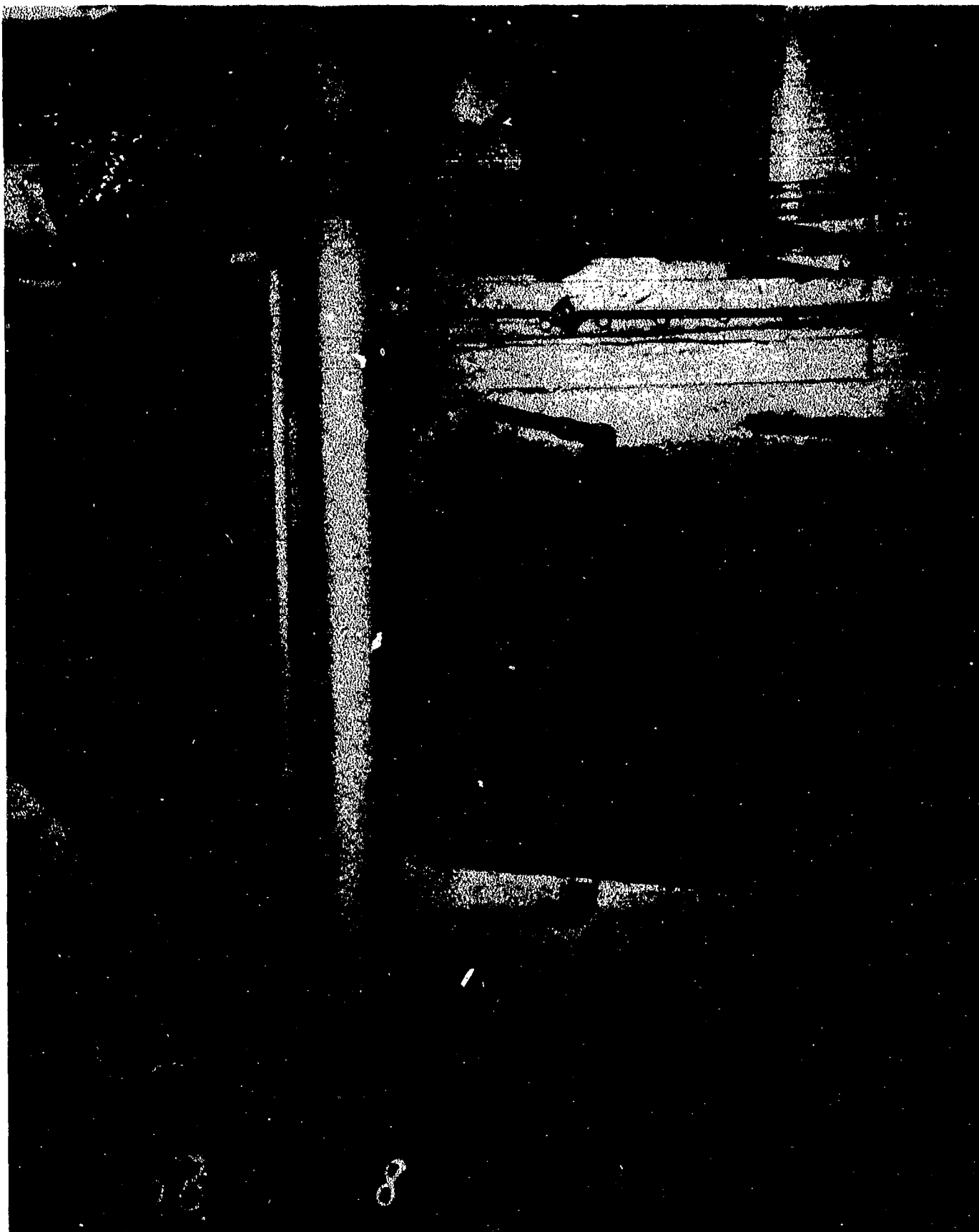
AA-CR-175-2157-12. C-201-L. Looking forward on 2nd deck through door in bulkhead 62 showing damage in port passageway B-201L caused by blast pressure in air intake area. Note crushing of bulkhead 62 near overhead as a result of deflection of the overhead.

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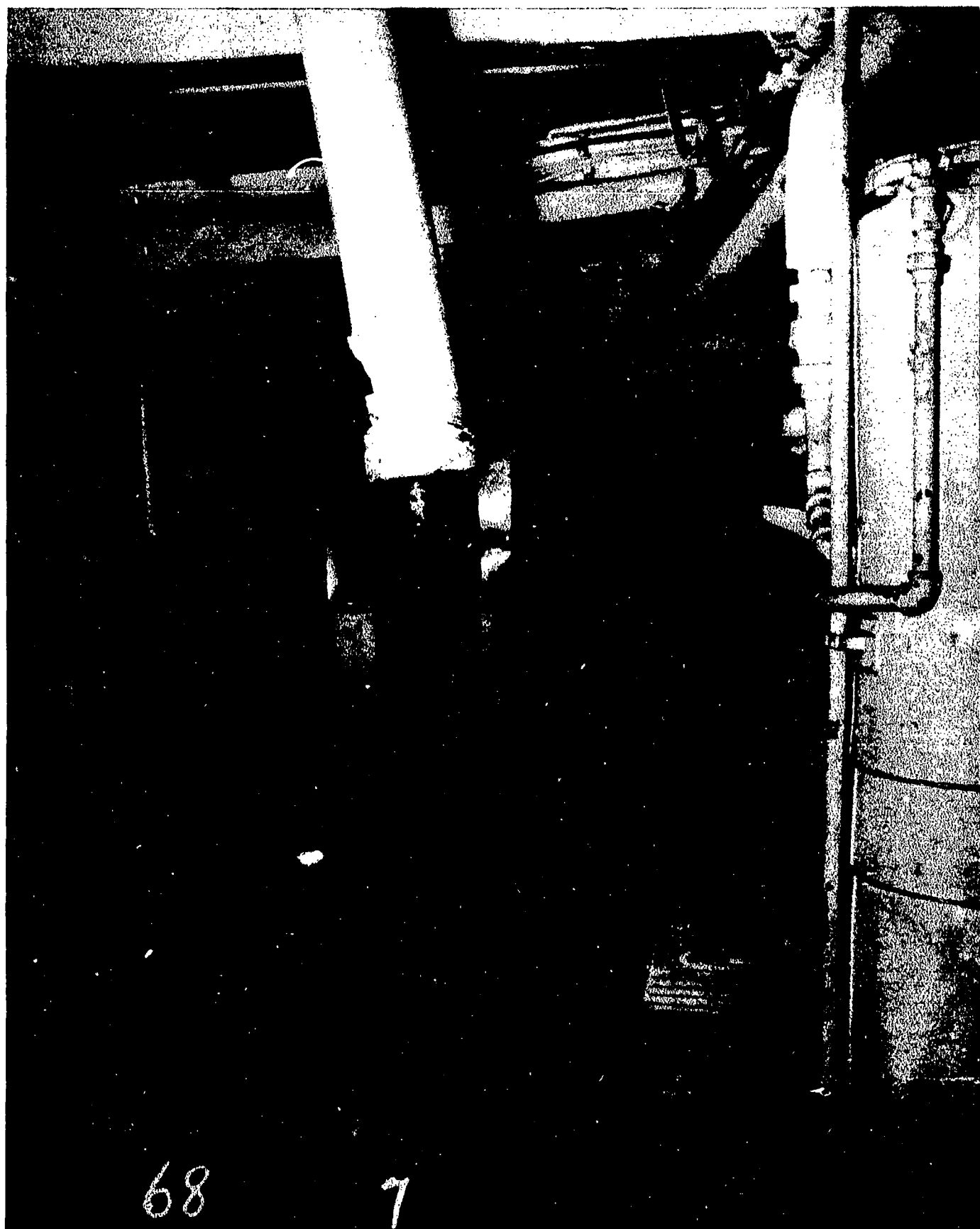
AA-CR-68-1768-8. C-201L. Looking forward on 2nd deck in crew's space starboard, through door into engine room exhaust trunk showing damage to bulkhead 62.

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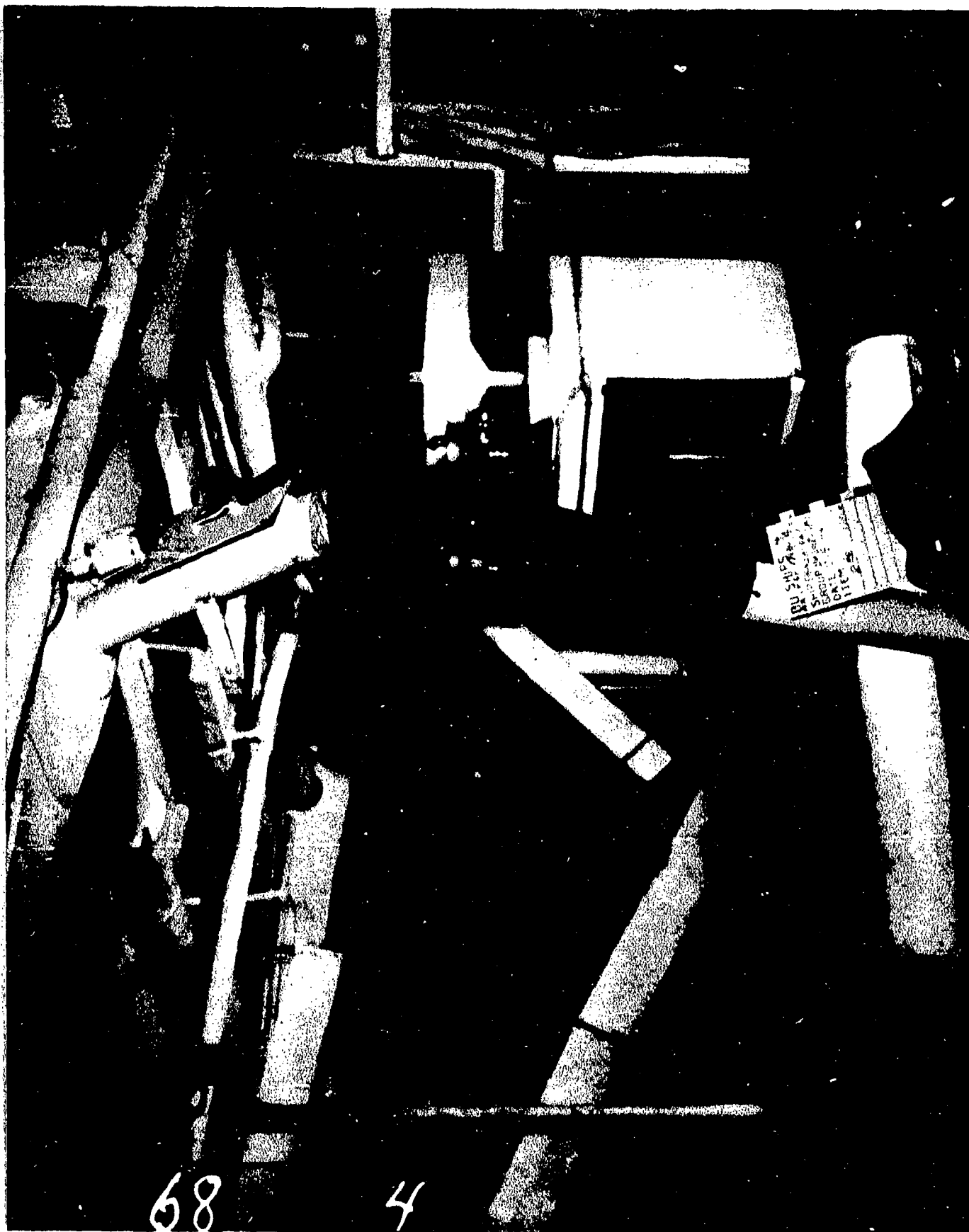
AA-CR-68-1768-7. C-201L. Looking to port on 2nd deck, starboard side, in crew's space showing buckled stanchion at frame 63 and deflected main deck longitudinals. Note door to engine room exhaust trunk lying on deck.

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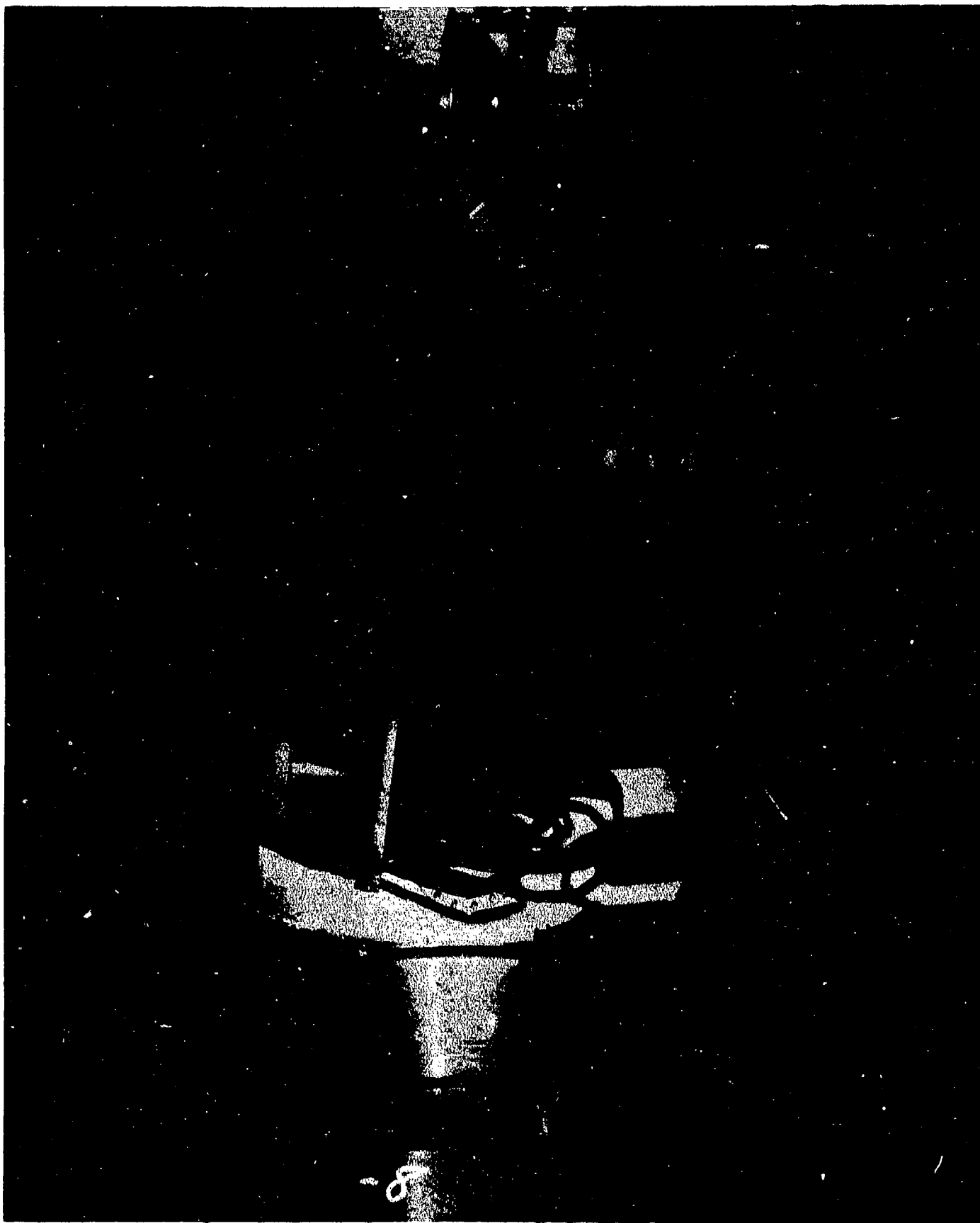
AA-CR-68-1768-4. C-201L. Looking forward and to starboard on 2nd deck in crew's space on port side showing buckled stanchion at frame 68 and damaged ventilation duct.

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AA-CR-68-1762-8. C-201L. Looking forward on 2nd deck along port side of ship's service store, showing damage to vent ducts.

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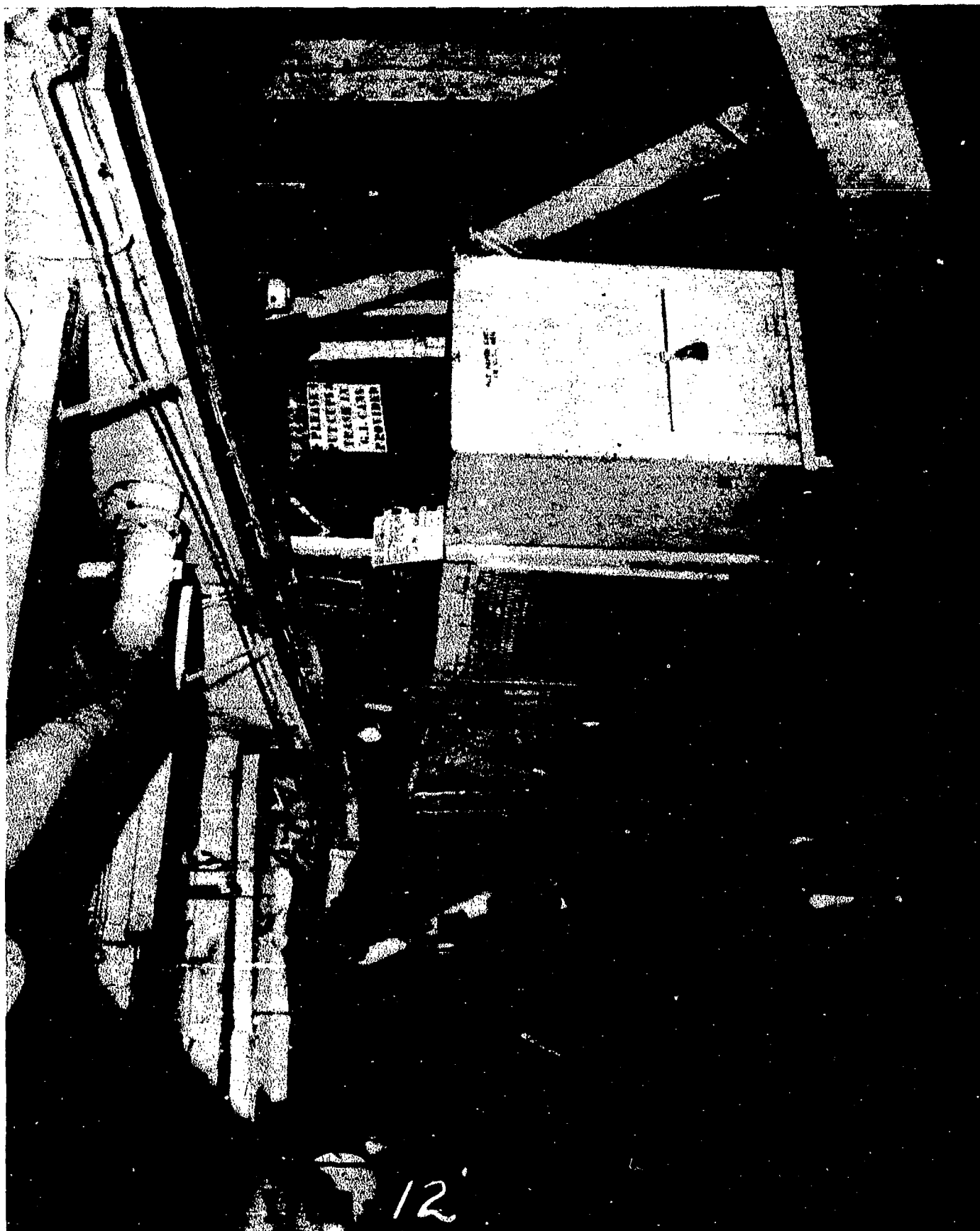
AA-CR-175-2158-1. C-201L. Looking to starboard on 2nd deck showing stanchion failures at web frame 65.

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AA-CR-68-1767-12. C-201L Looking to starboard on 2nd deck along forward side of ship's service store showing stanchion failure at web frame 65.

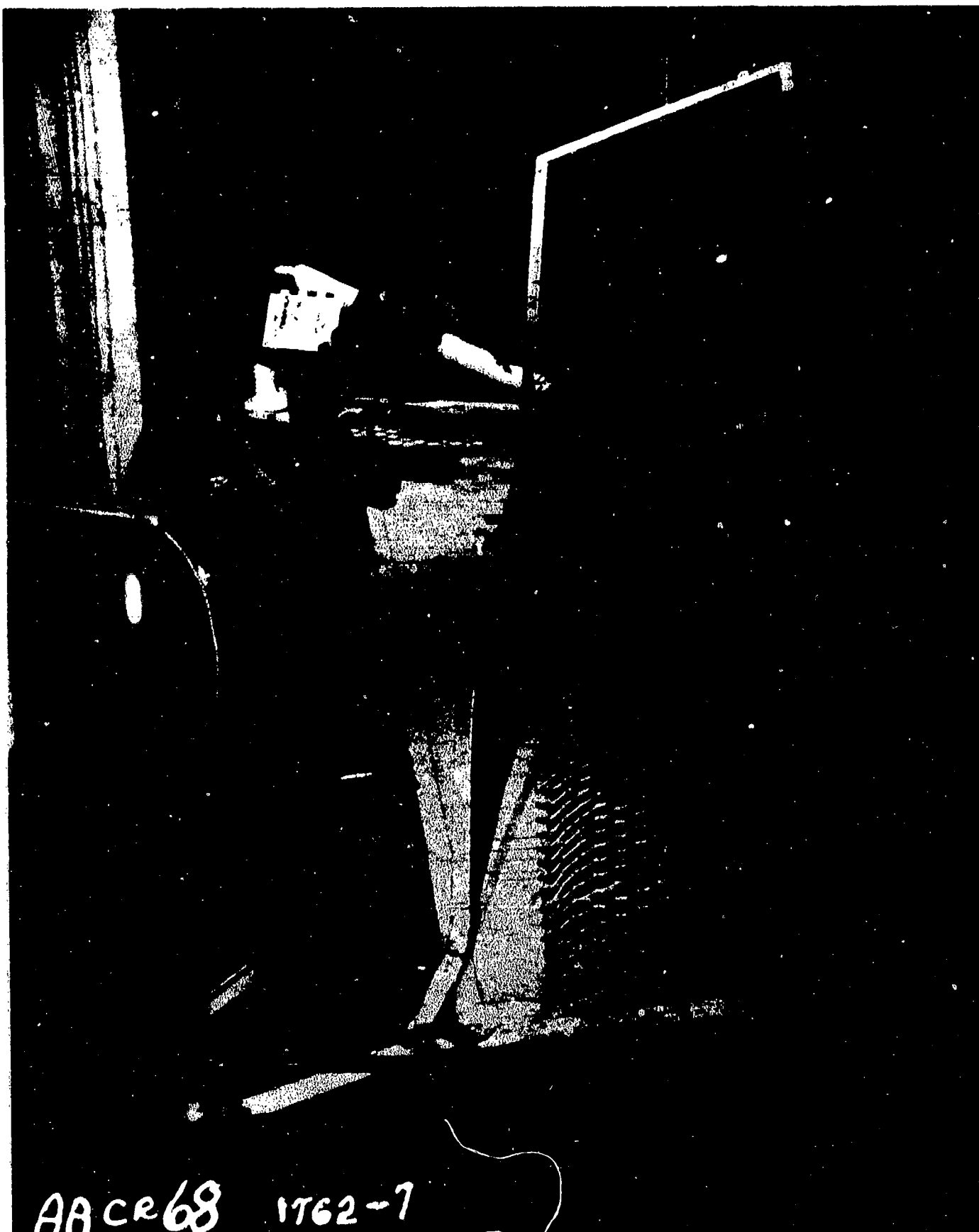
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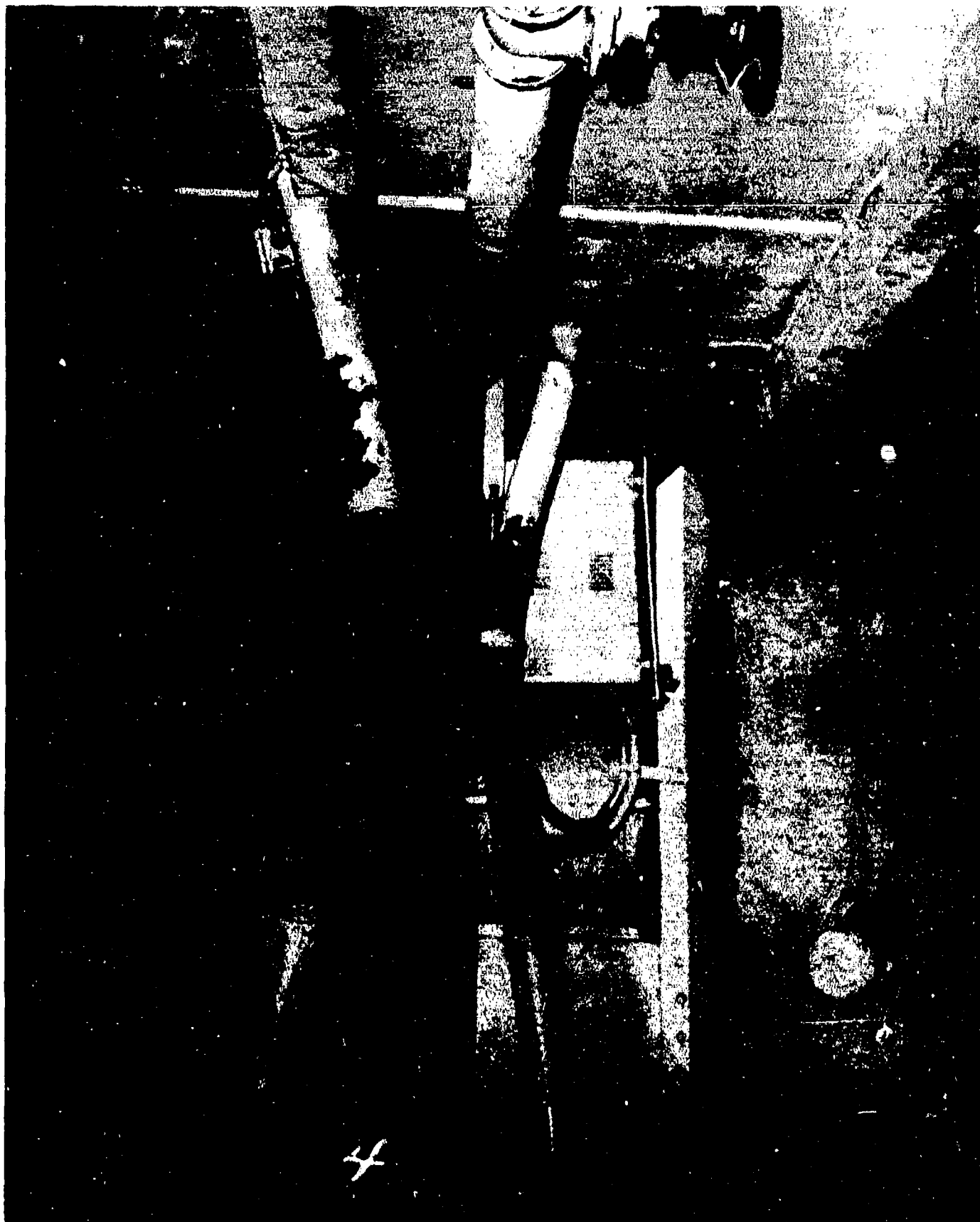
AA-CR-68-1762-7. C-201L. Looking to port on 2nd deck showing damage at frame 65 to forward side of ship's service store.

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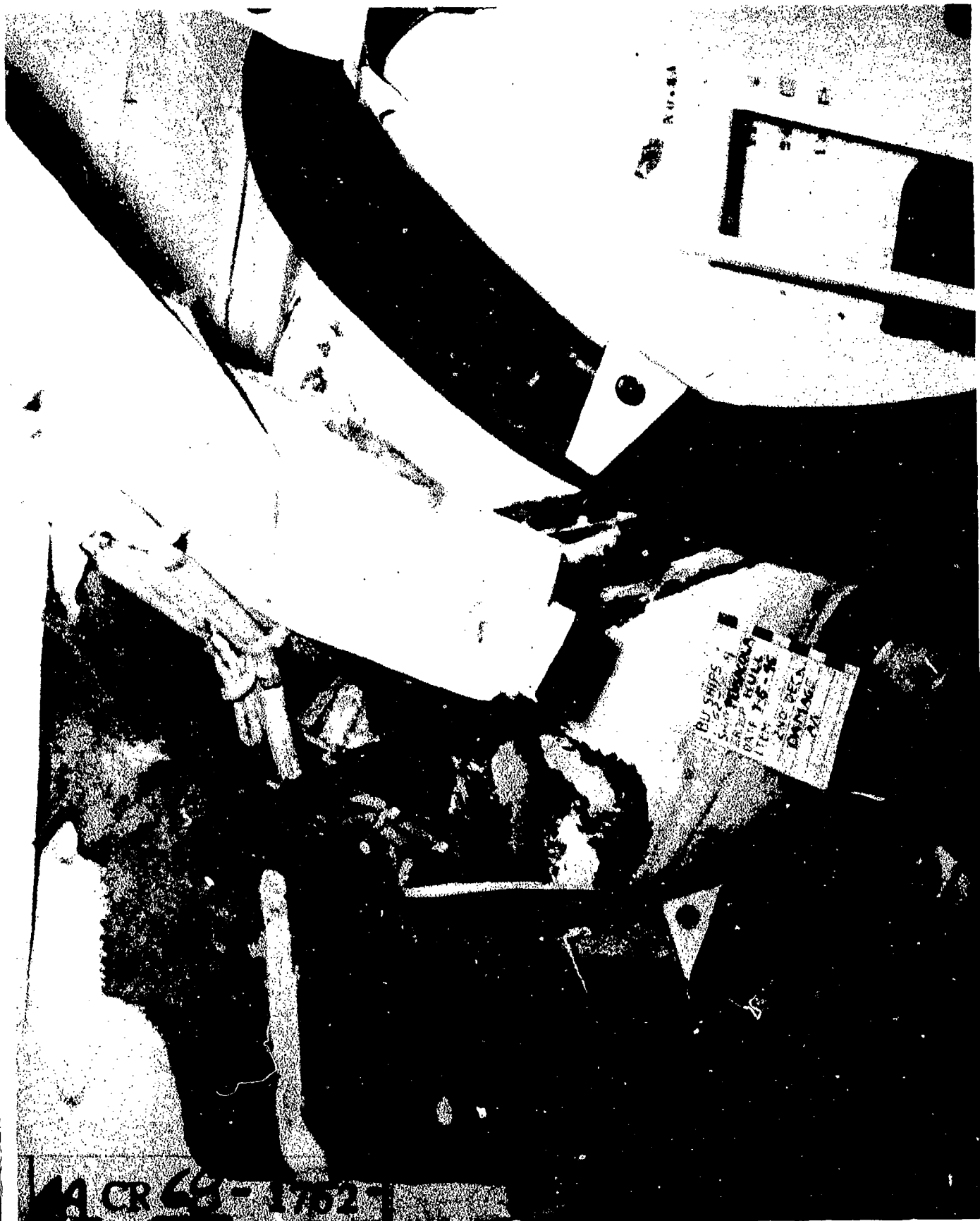
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AA-CR-175-2158-4. C-201L. Looking forward on port side, 2nd deck, to bulkhead 62 and passage B-201L showing stanchion failures at frames 63 and 64. Note crushing of bulkhead 62 near overhead.

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AA-CR-68-1762-9. Looking aft on 2nd deck along broken deck longitudinal located 8 feet to port of centerline. The forward port corner of the ship's service store appears in left background. The break in the longitudinal is approximately at frame 62.

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AA-CR-88-2158-3. Looking to port on 2nd deck, port side, showing stanchion failures at frame 64 and under web frame 65.

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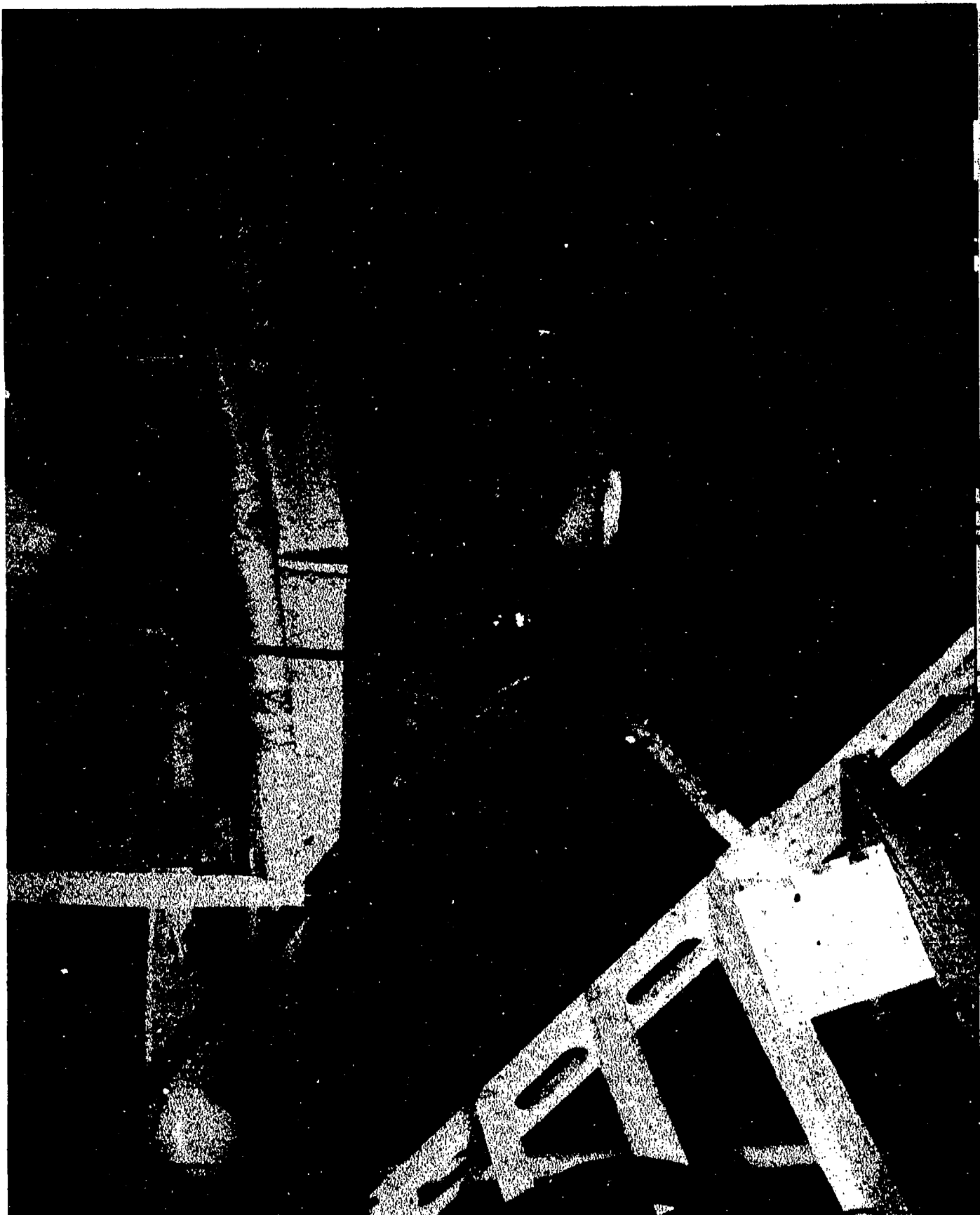
AA-CR-68-1767-9. C-201L. Looking to starboard on 2nd deck at frame 61 in crew's space showing failure of main deck longitudinal at frame 62 1/2.

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AA-CR-68-1767-10. C-201L. Looking aft on 2nd deck, port side in crew's space, showing failure of main deck longitudinal at frame 62 1/2 and damaged ventilation duct.

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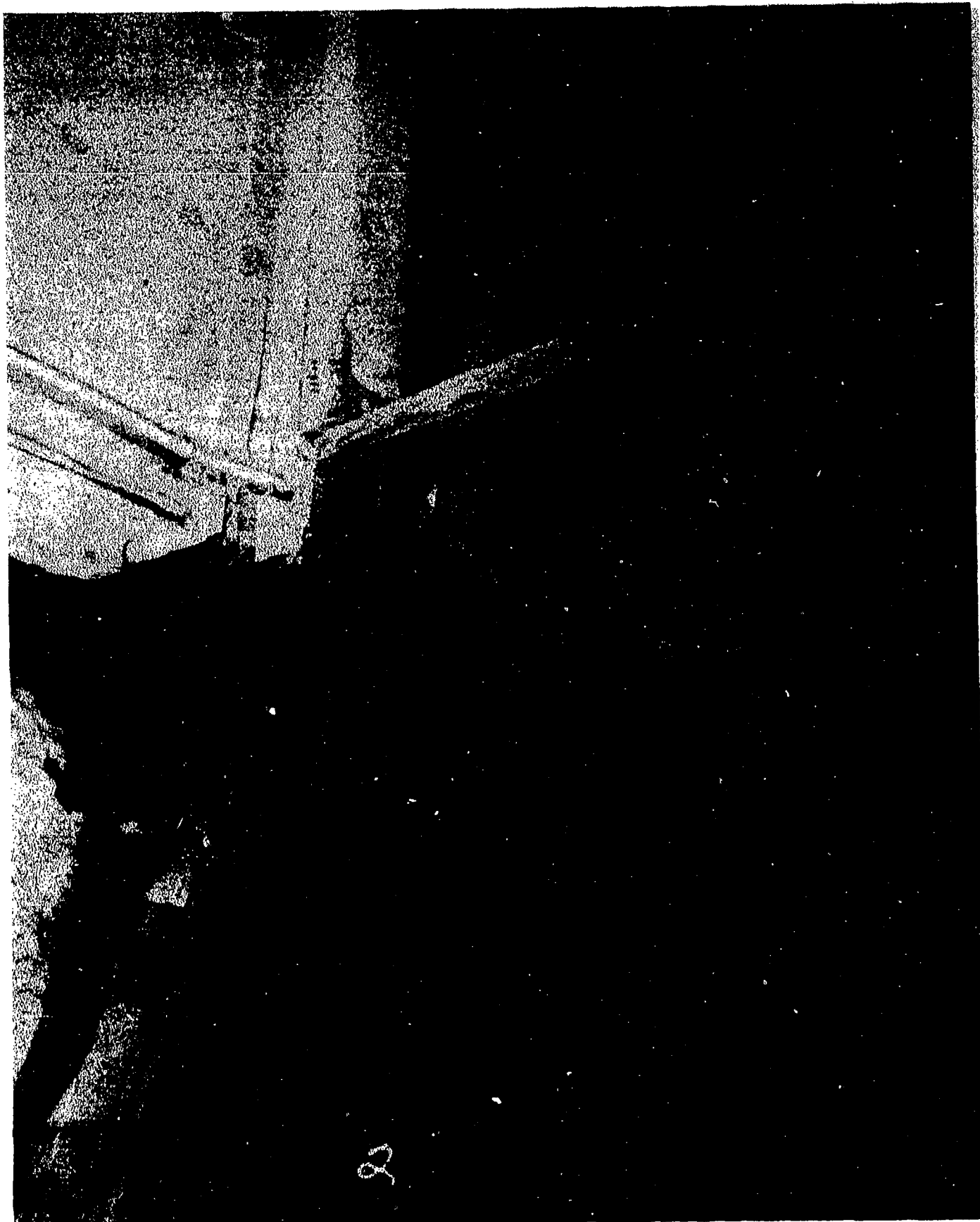
AA-CR-68-1767-11. C-201L. Looking to port on 2nd deck from centerline in crew's space showing failure of main deck longitudinal at frame 62 1/2.

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AA-CR-175-2158-2. C-201L. Fractured longitudinal under main deck, frame 62.

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AA-CR-68-1768-11. C-201L. Looking aft and to port on 2nd deck in crew's space starboard, showing buckled stanchion at frame 68.

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AA-CR-68-1768-10. C-201L. Looking aft and to port on 2nd deck in ship's service store showing buckled centerline stanchion at frame 68.

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AA-CR-68-1768-9. C-201L. Looking forward on 2nd deck at centerline, in ship's service store, showing deflection of frame 65 and ventilation duct damage.

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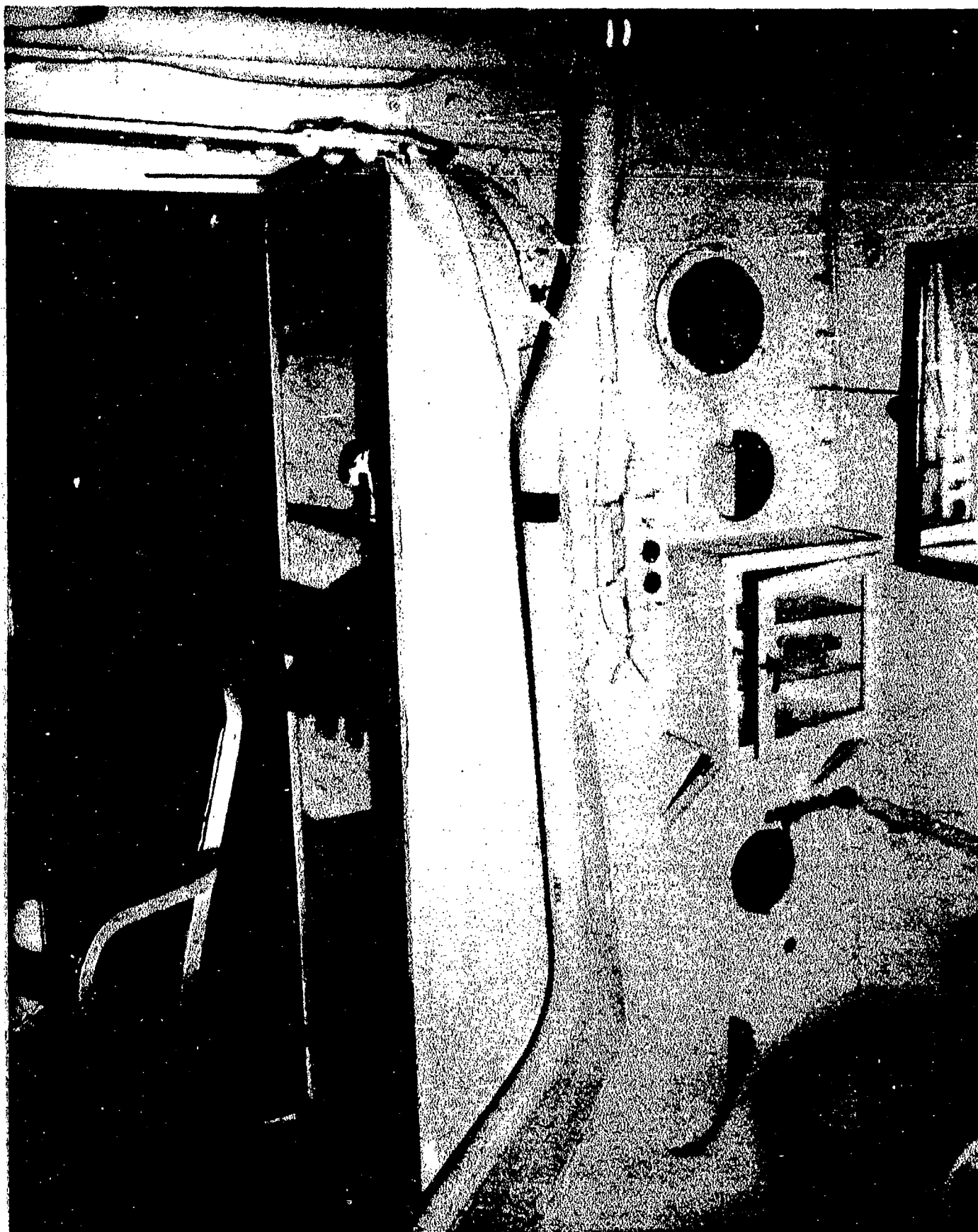
AA-CR-98-1762-6. Looking to port on 2nd deck in ship's service store. Note buckled stanchion has tripped flange of web frame 68.

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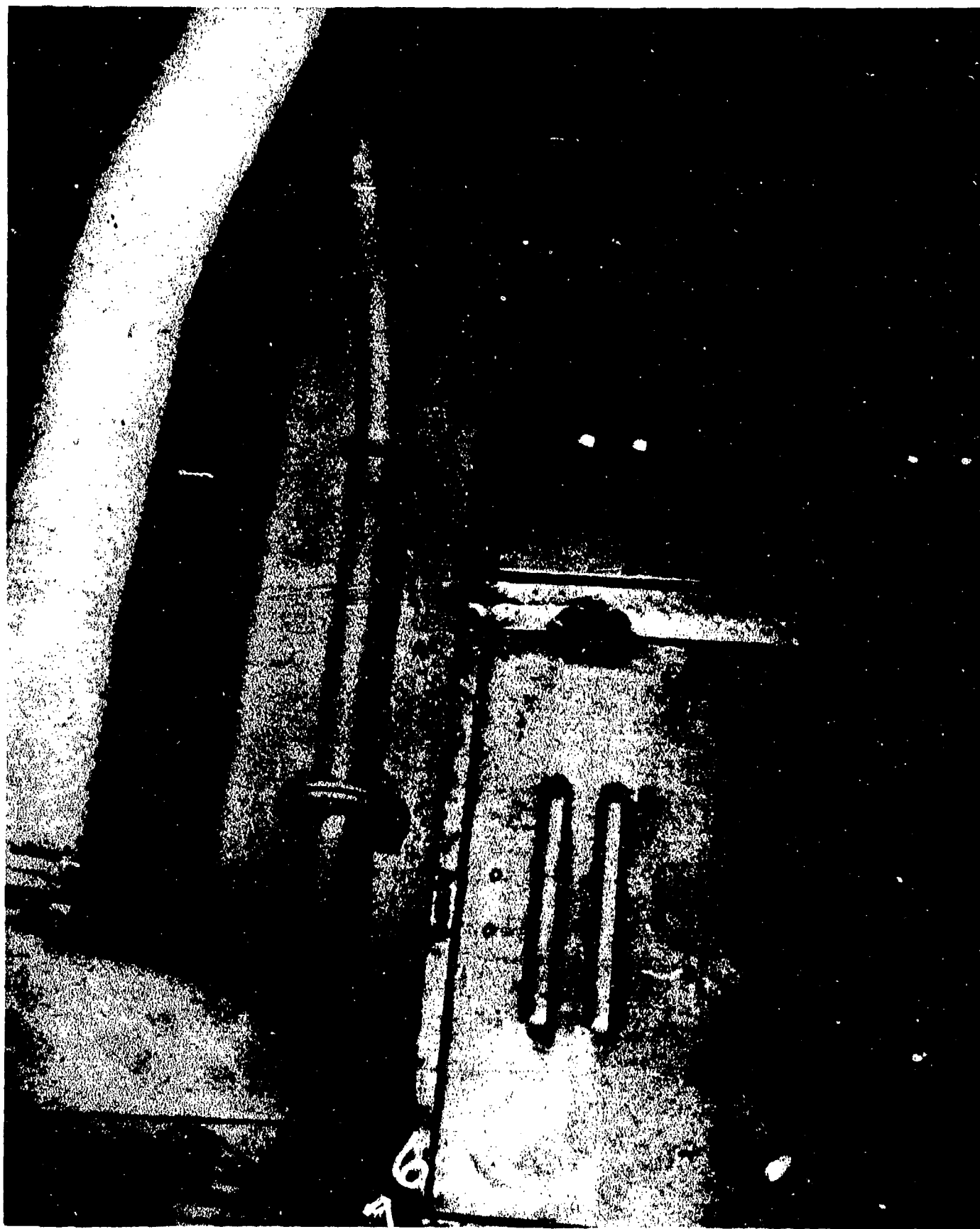
AA-CR-175-2157-11. Looking aft on 2nd deck port side in barber shop showing damage to web frame 65.

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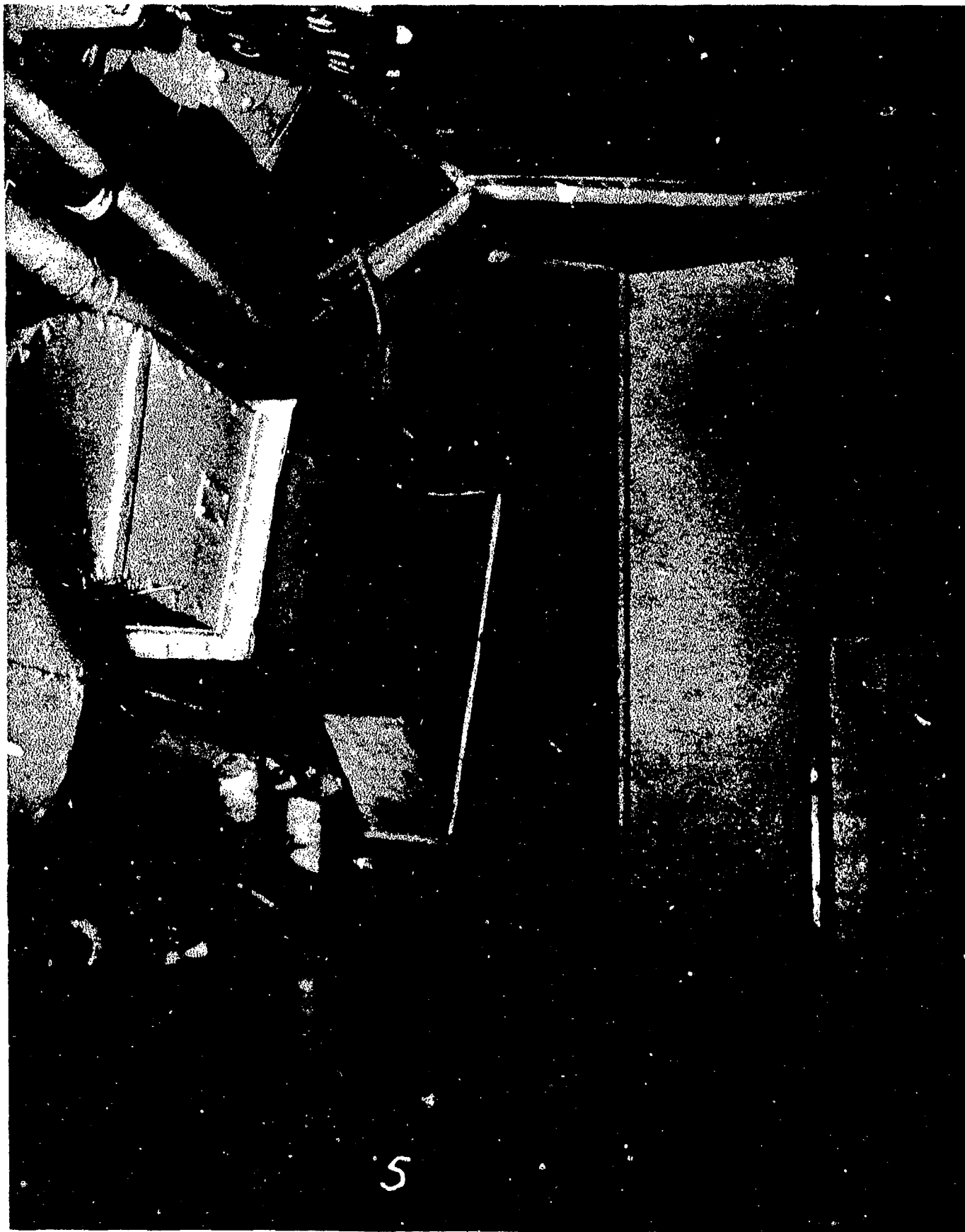
AA-CR-68-1768-6. C-201L. Looking to starboard on 2nd deck in crew's space showing damage to port side of port engine room exhaust trunk just aft of frame 70.

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AA-CR-68-1768-5. C-201L. Looking forward and to port on 2nd deck in crew's wash room showing buckling of bulkhead 70.

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AA-CR-68-1768-12. C-201L. Starboard side just forward of bulkhead 72 looking to port in crew's space, showing damaged longitudinal starboard bulkhead of crew's washroom (bulkhead 72 appears at left of view.)

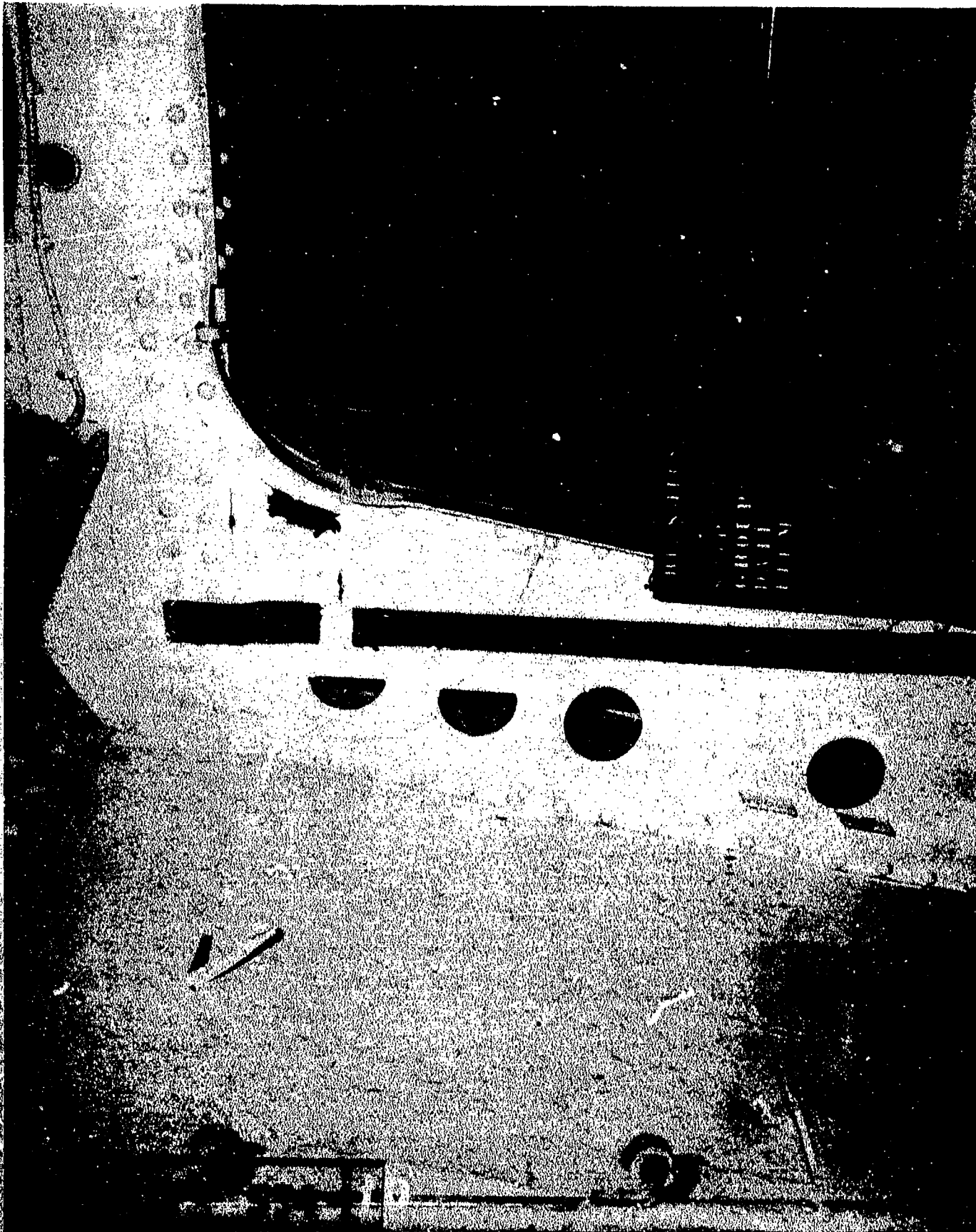
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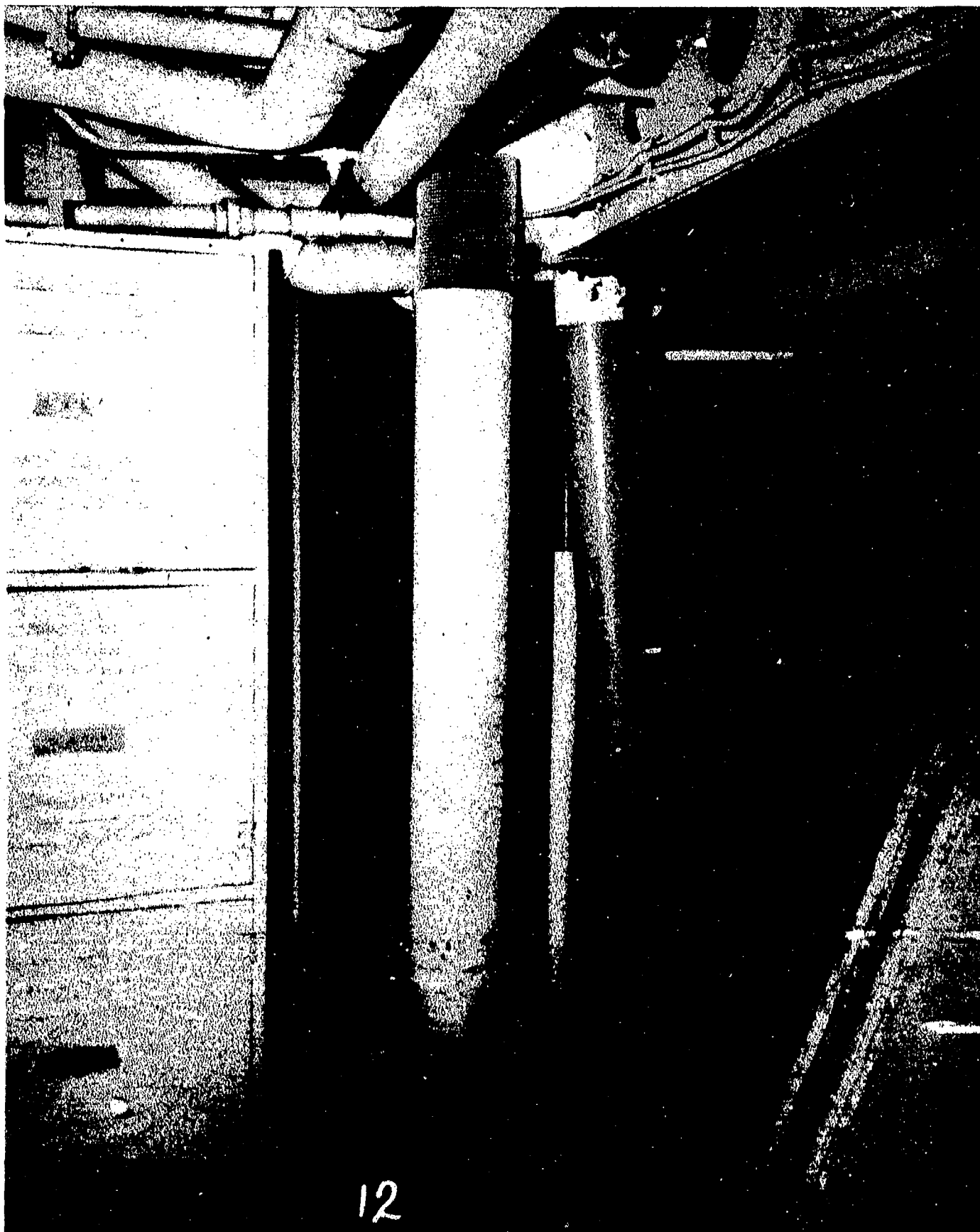
AA-CR-90-574-10. Looking forward at frame 94, port. Main deck. Note distortion of flange.

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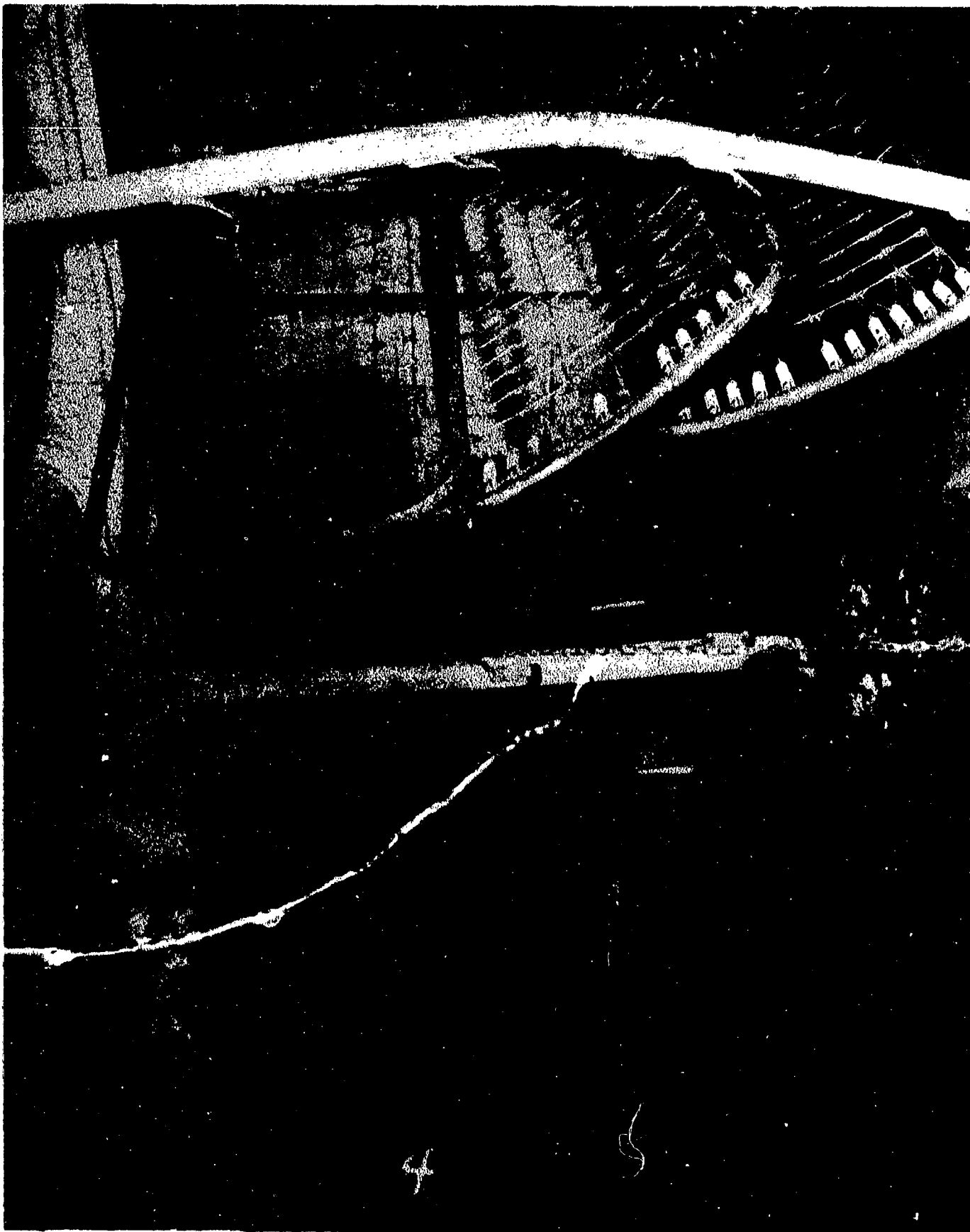
AA-CR-90-574-12. C-202-L. Second deck, frame 97, port side. Note deformation of stanchions and crack around top under beam.

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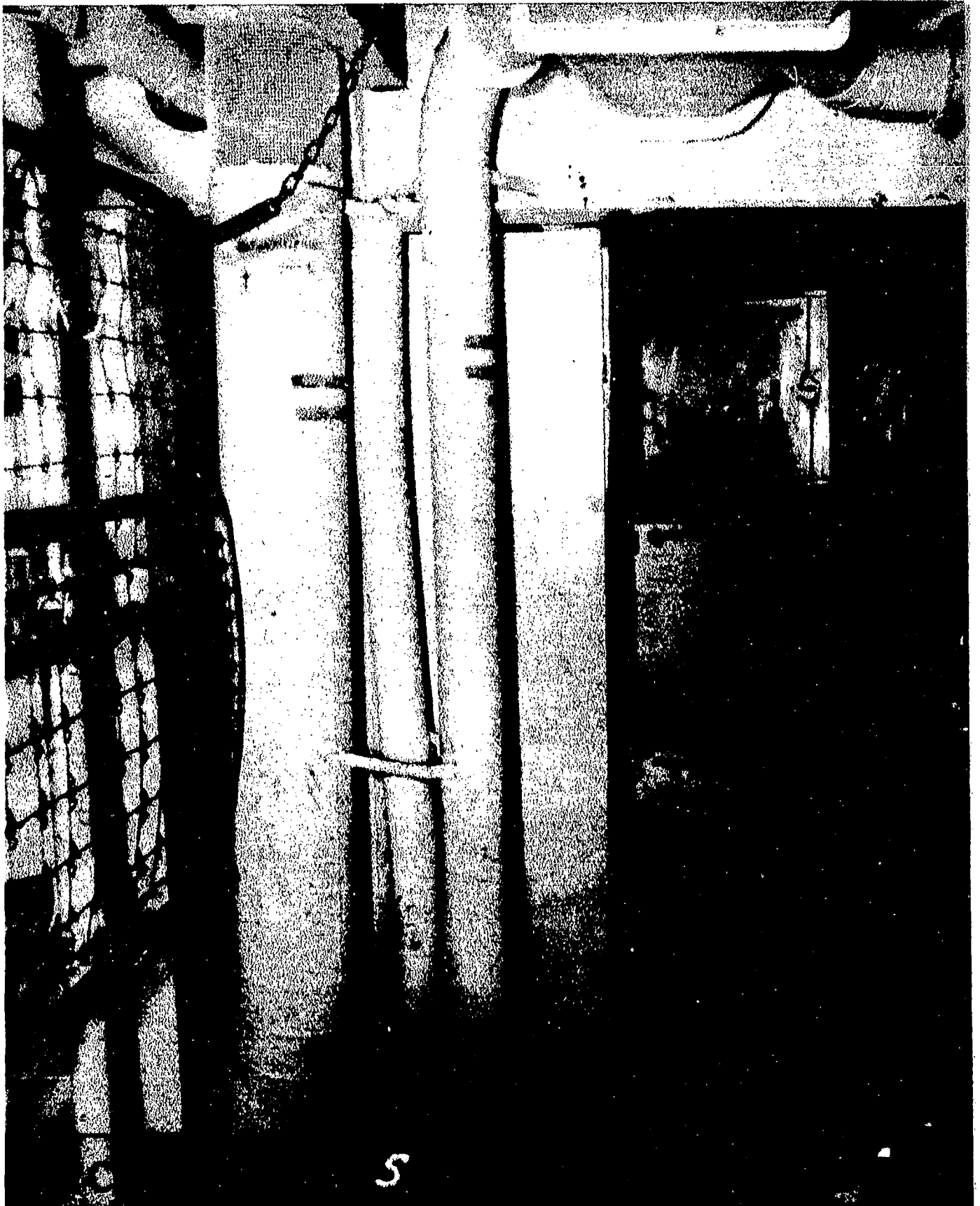
AA-CR-68-1766-4. Compartment D-203-1L. Crew's space, 2nd deck, looking forward on starboard side from frame 119.

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AA-CR-68-1766-5. Compartment D-203-1L, crew's space, 2nd deck, looking aft from frame 11B on port side.

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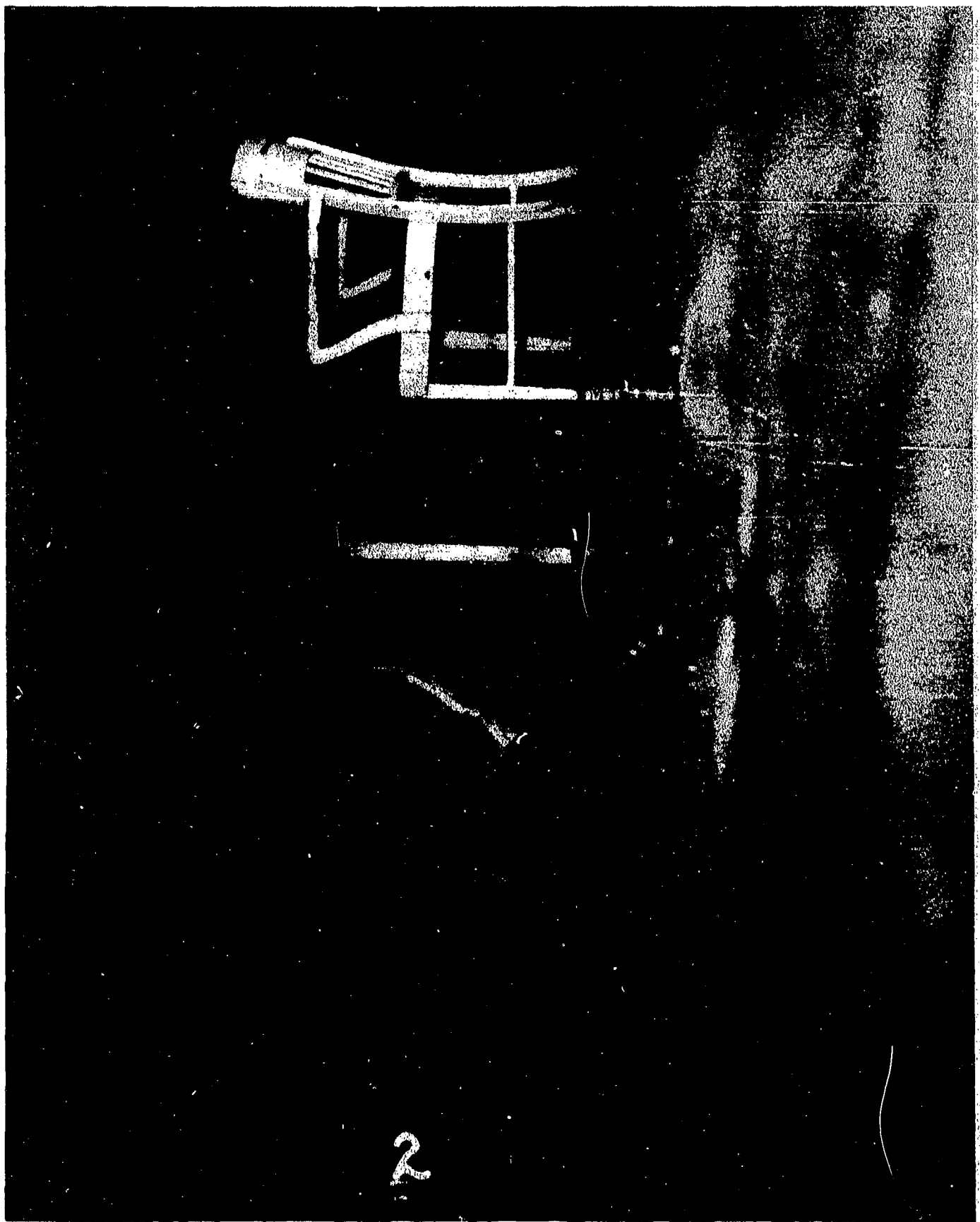
AA-CR-68-1766-3. Compartment D-203-L. Crew's space, 2nd deck, looking aft and to port along starboard deck plating from frame 119.

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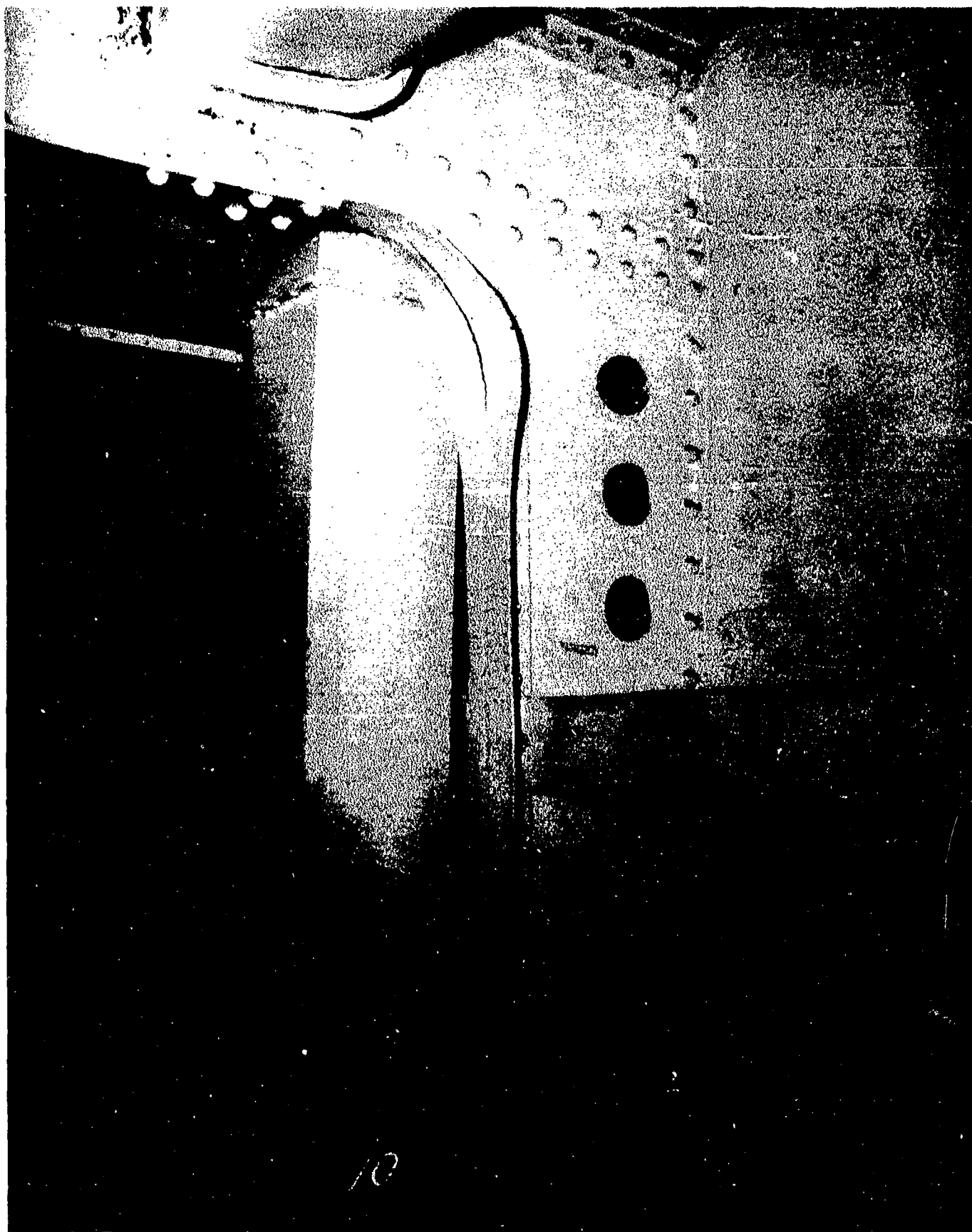
AA-CR-68-1766-2. Compartment D-203-L. Crew's space, 2nd deck, looking aft along port side deck plating from frame 119.

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AA-CR-175-2178-10. Looking forward and to starboard shell on 2nd deck showing flange failure of web frame 122.

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AA-CR-175-2178-6. Looking forward and to port shell on 2nd deck showing damage to web frame 122.

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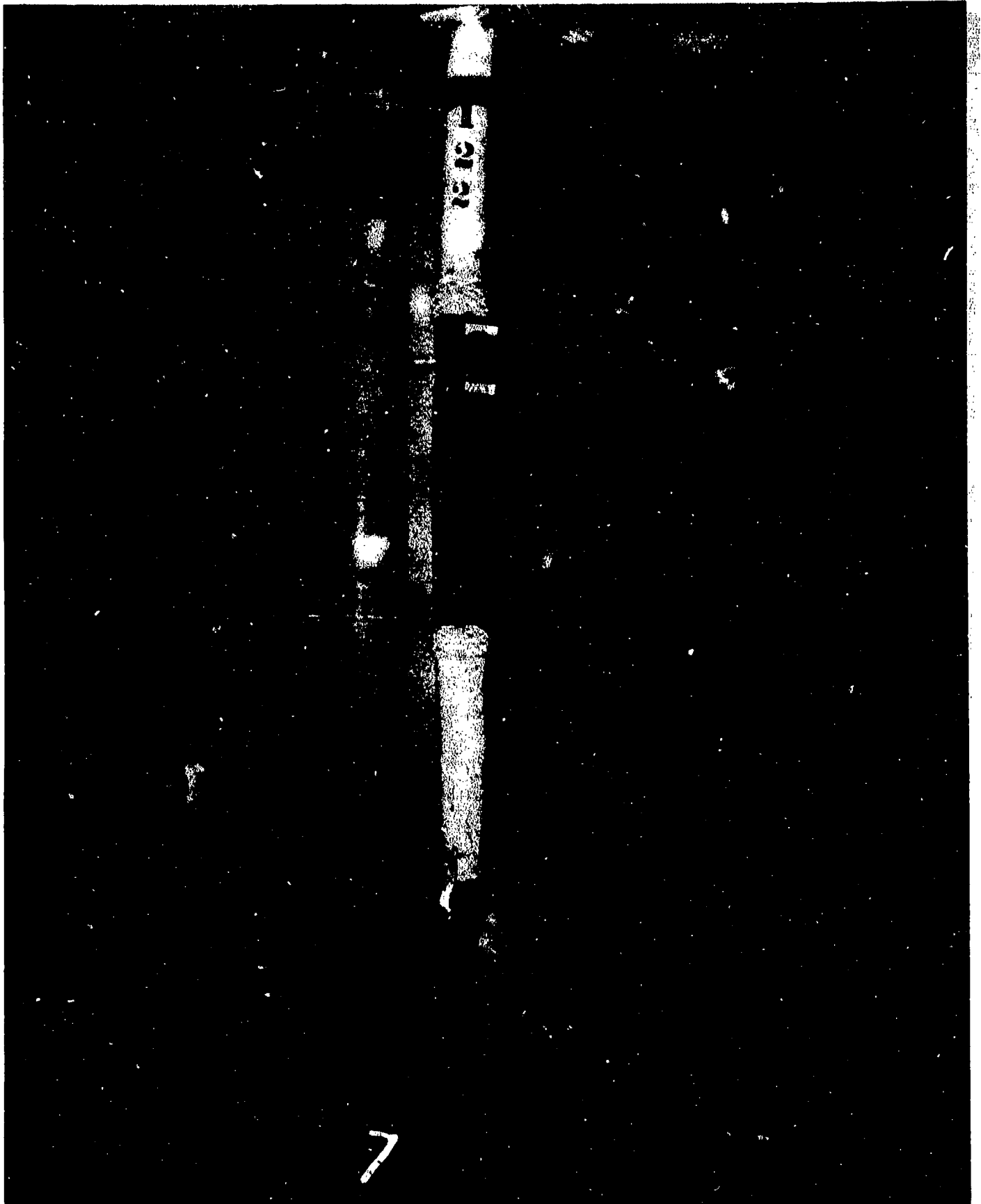
AA-CR-175-2178-9. Looking aft and to port on 2nd deck, starboard side, showing stanchion failure at web frame 122.

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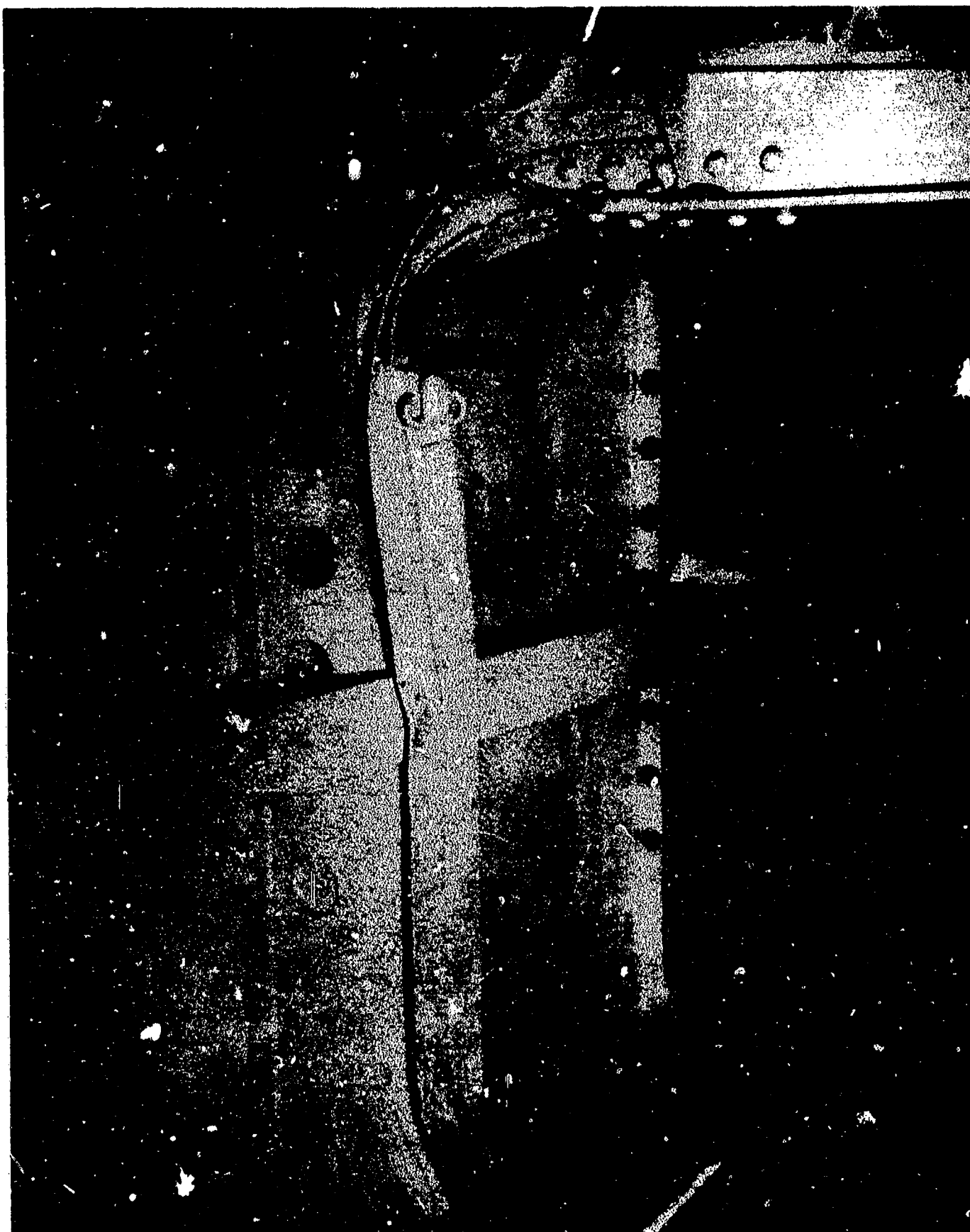
AA-CR-175-2178-7. Looking forward and to starboard on 2nd deck, port side aft of No. 4 barbette, showing stanchion failure at web frame 122. (Note crushing at stanchion foot).

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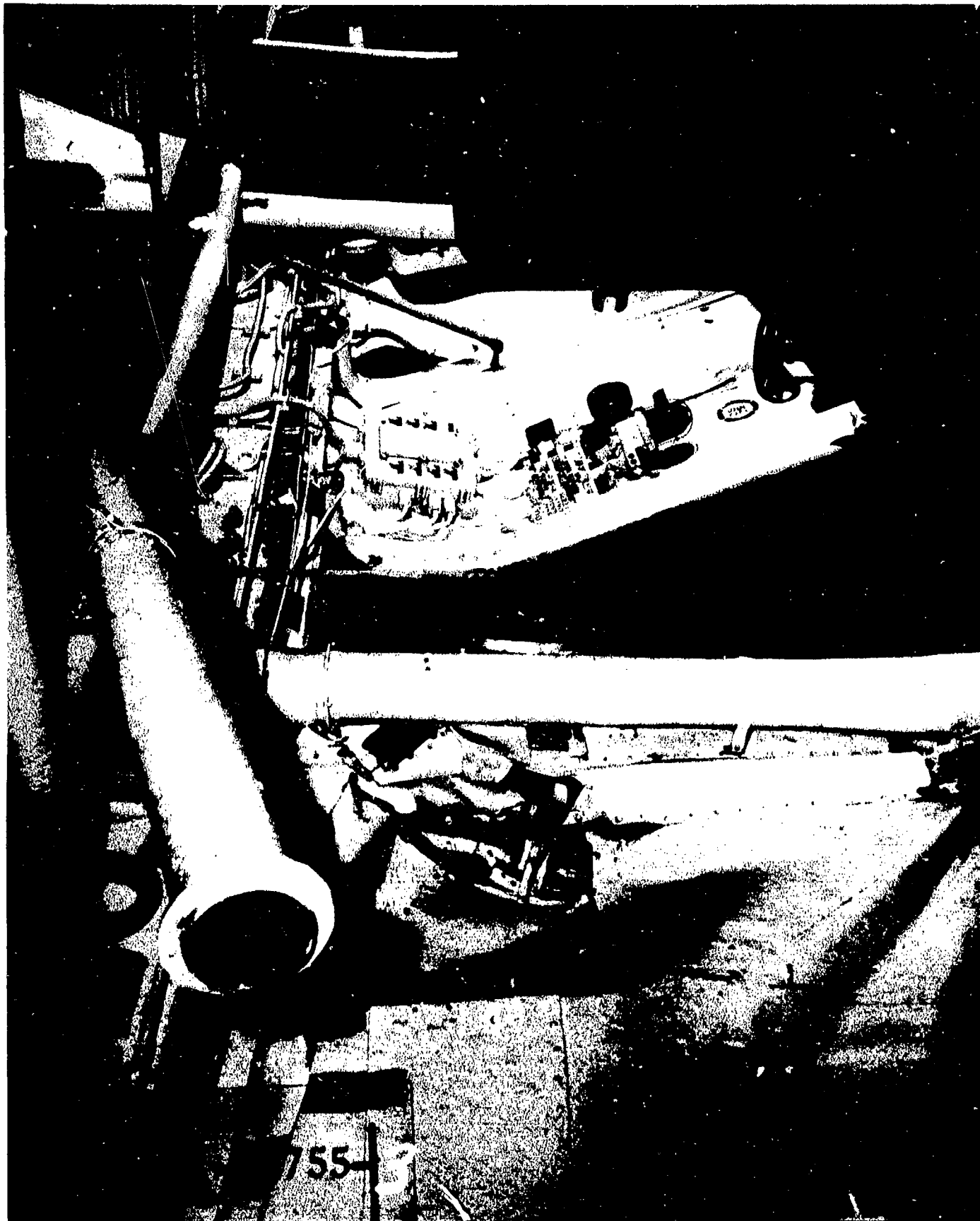
AA-CR-175-2178-1. Looking aft and to starboard shell on 2nd deck showing damage to web frame 125.

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AA-CR-68-1755-3. D-203-L. Test A damage. Looking aft and to port at bulkhead 128, starboard.

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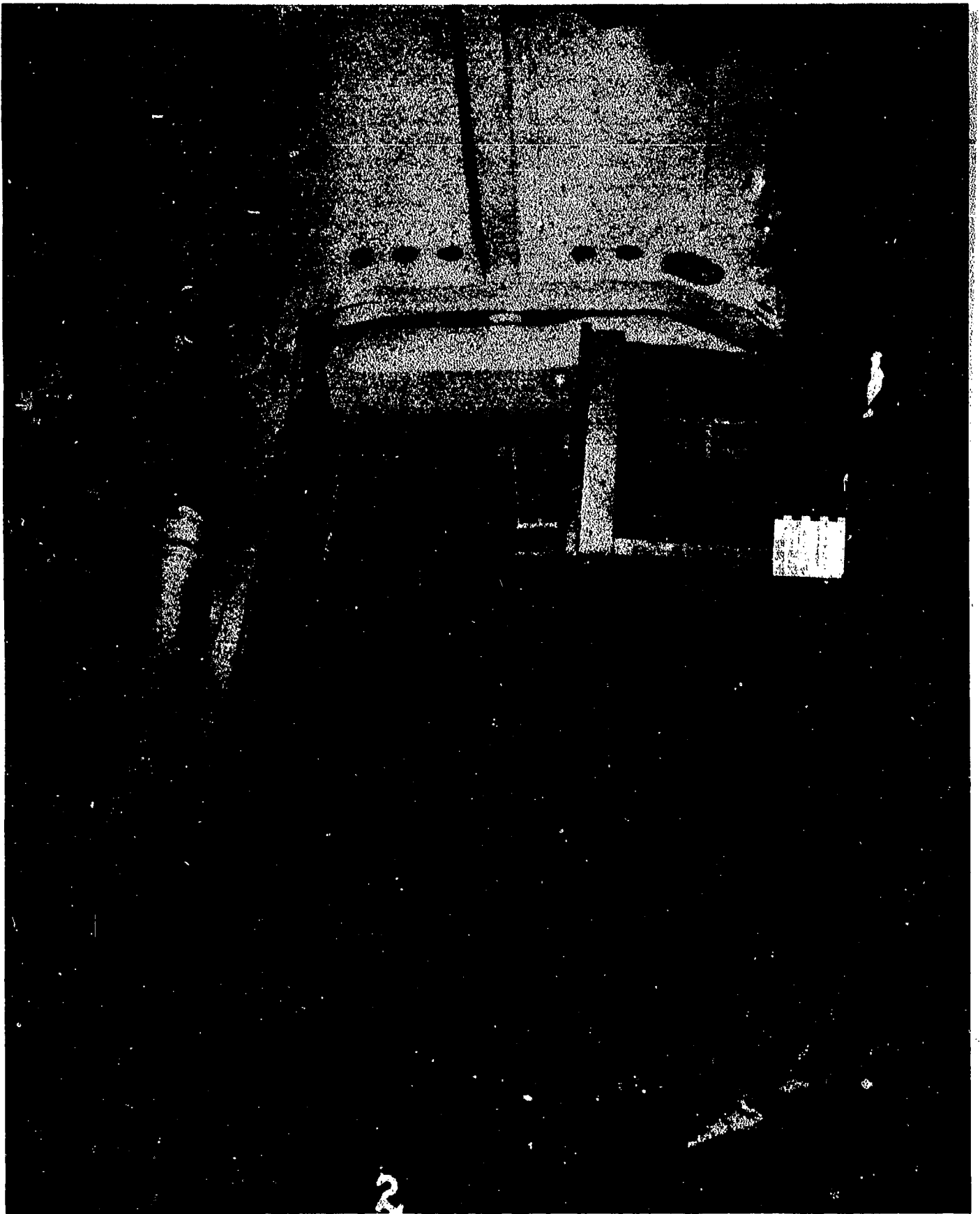
AA-CR-68-1765-4. Compartment D-203-L. Crew's space, 2nd deck, details of damage to frame 125, looking forward from frame 128.

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AA-CR-68-1765-2. Compartment D-203-L. View of crew space, 2nd deck, looking forward and to starboard from frame 125, showing damage to frame 122.

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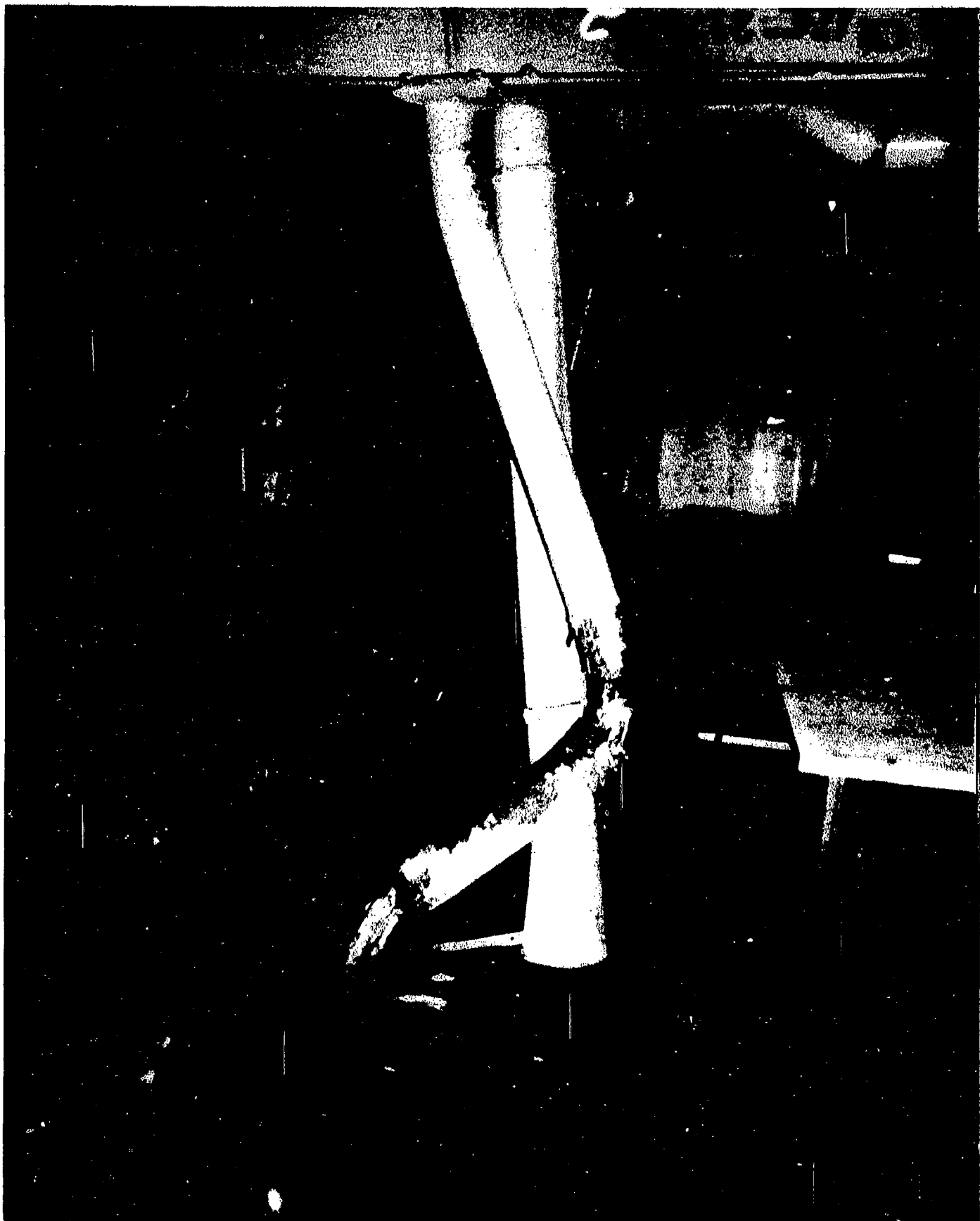
AA-CR-175-2178-5. Looking aft and to port shell on 2nd deck showing failure of web frame 125.

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AA-CR-175-2178-2. Looking forward on 2nd deck showing failure of station at web frame 125.

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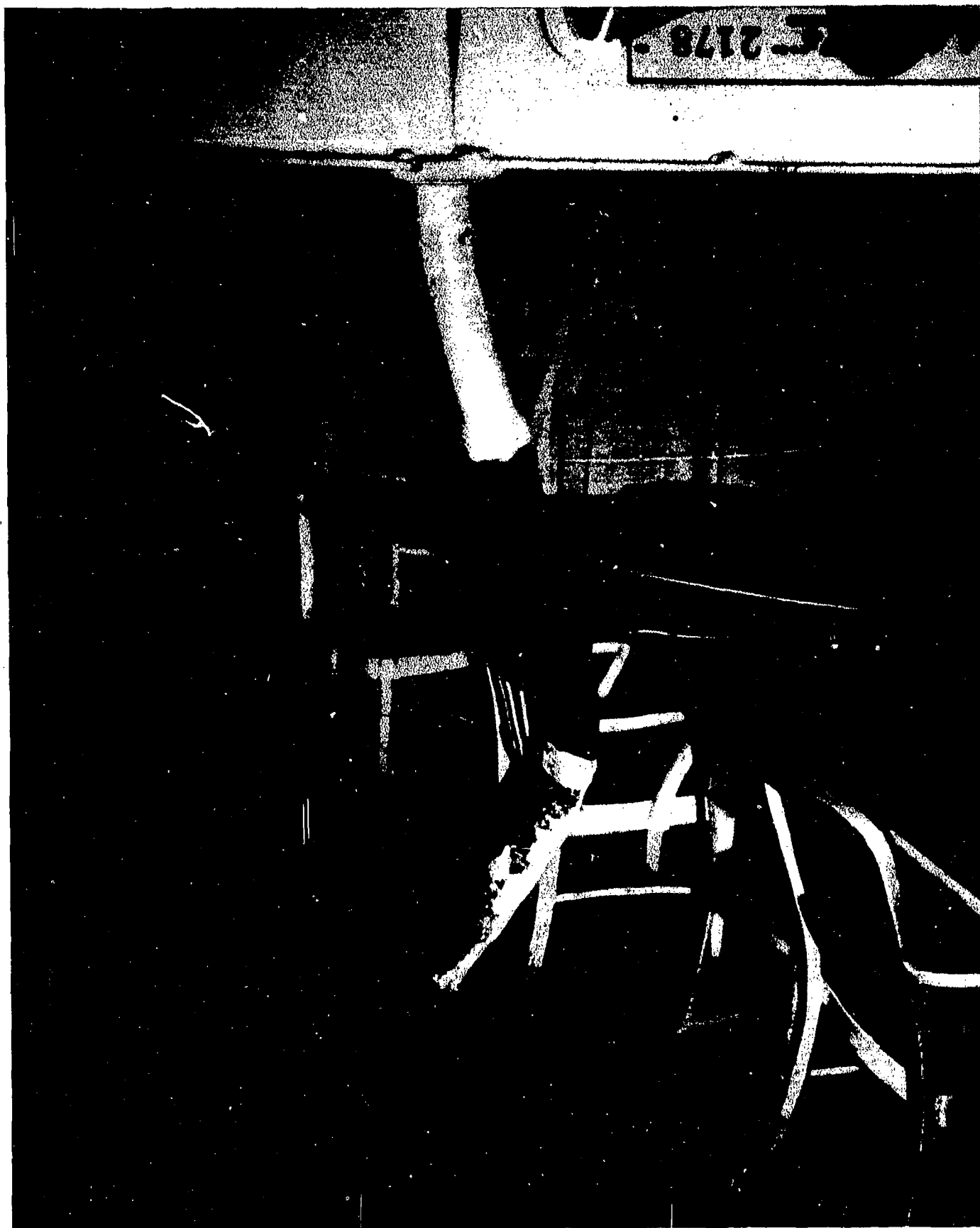
AA-CR-68-1766-1. Compartment D-203L. Crew's space 2nd deck, looking aft on port side from frame 118.

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AA-CR-175-2178-4. Looking aft on 2nd deck showing stanchion failure, starboard side, in way of web frame 125.

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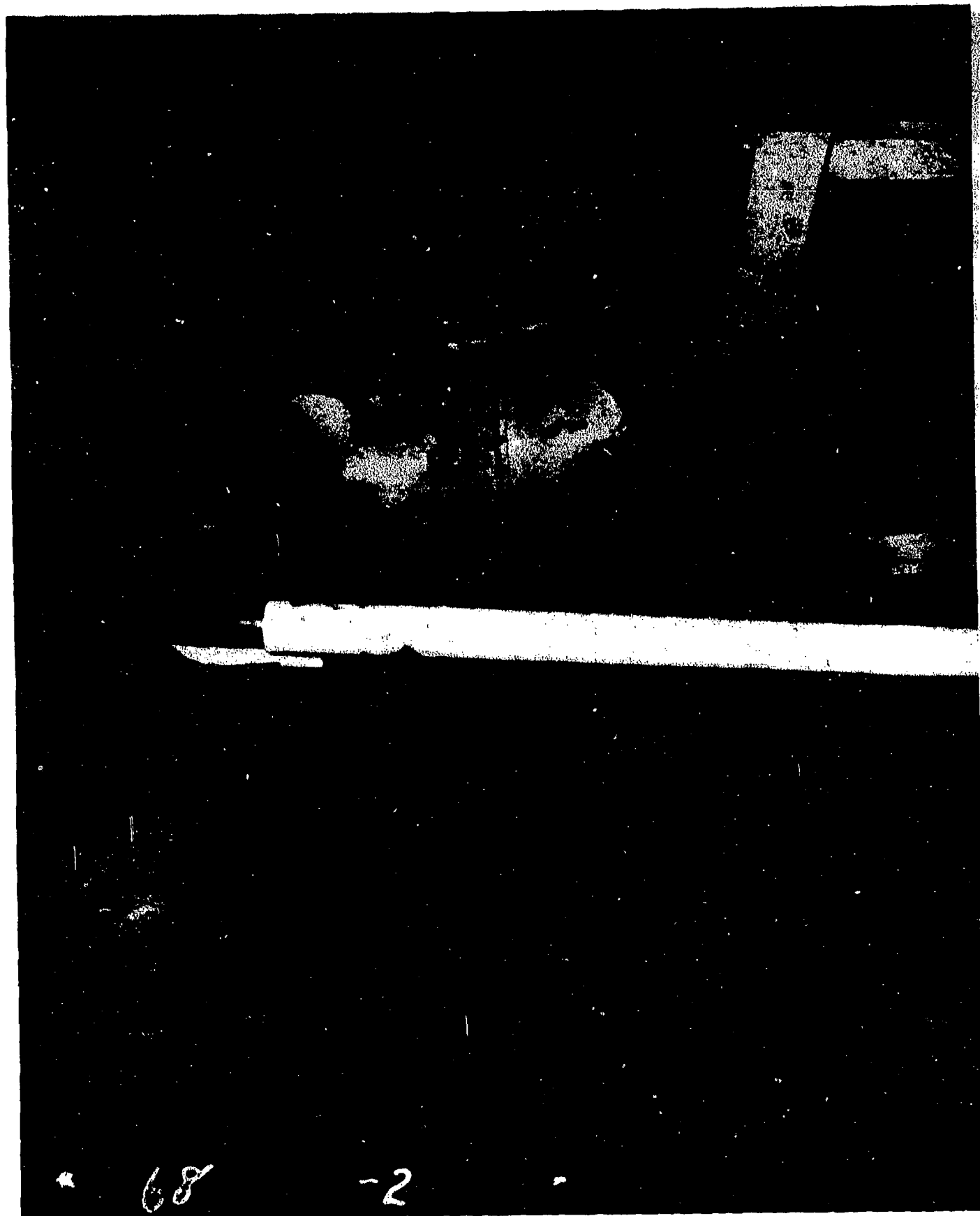
AA-CR-175-2178-11. Looking aft and to port on 2nd deck showing damage to centerline stanchion at frame 125.

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AA-CR-68-1755-2. Looking aft and to port on 2nd deck showing damage to stanchions and to blower duct. Note web frame 125 and deck displacement gauge in foreground.

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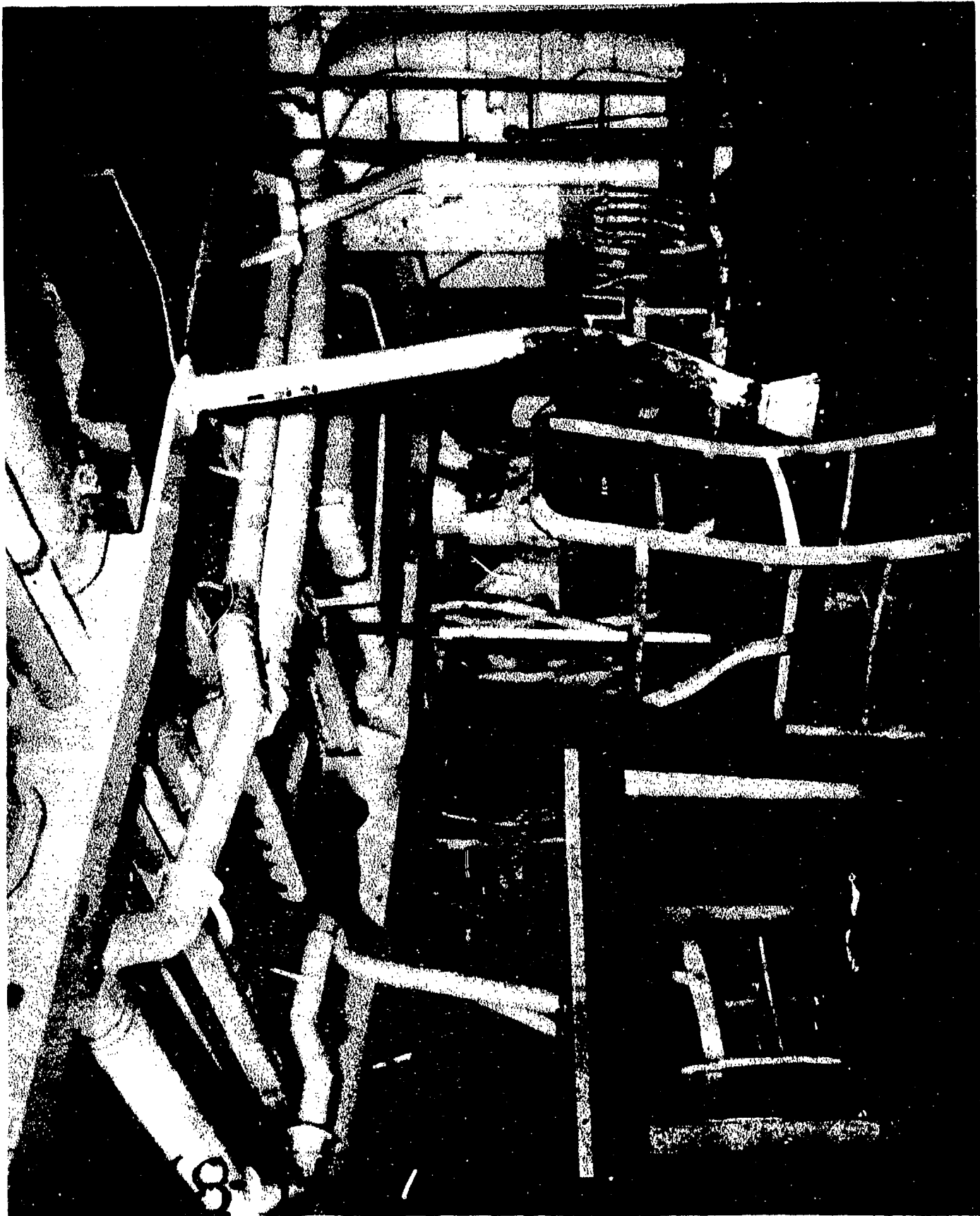
AA-CR-68-1765-5. Compartment D-203-L, crew's space; 2nd deck, looking aft and to port from frame 123, starboard side.

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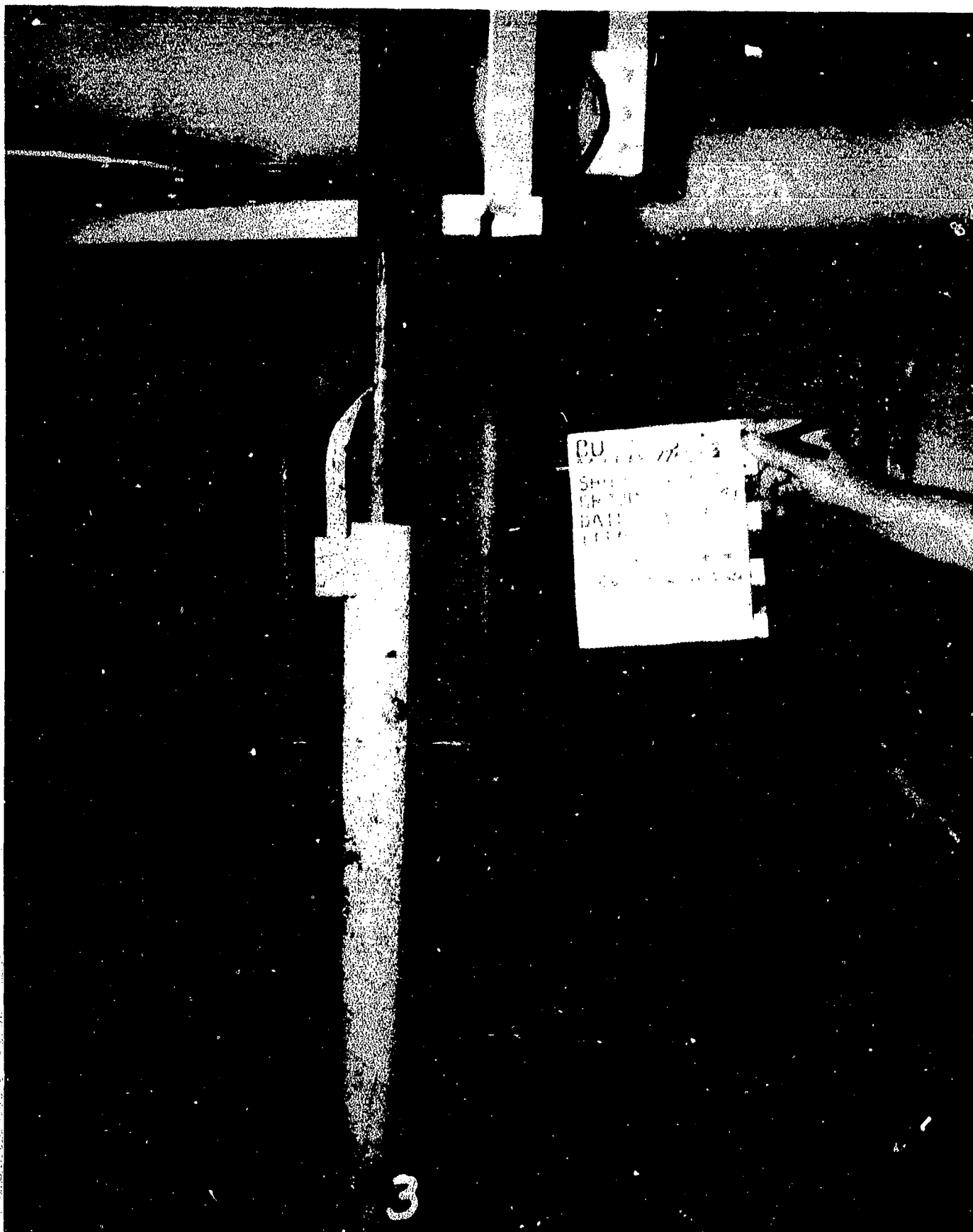
AA-CR-68-1765-1. Compartment D-203-L. View of crew's space, 2nd deck, looking aft and to port from starboard access at frame 120. The overhead is down several inches.

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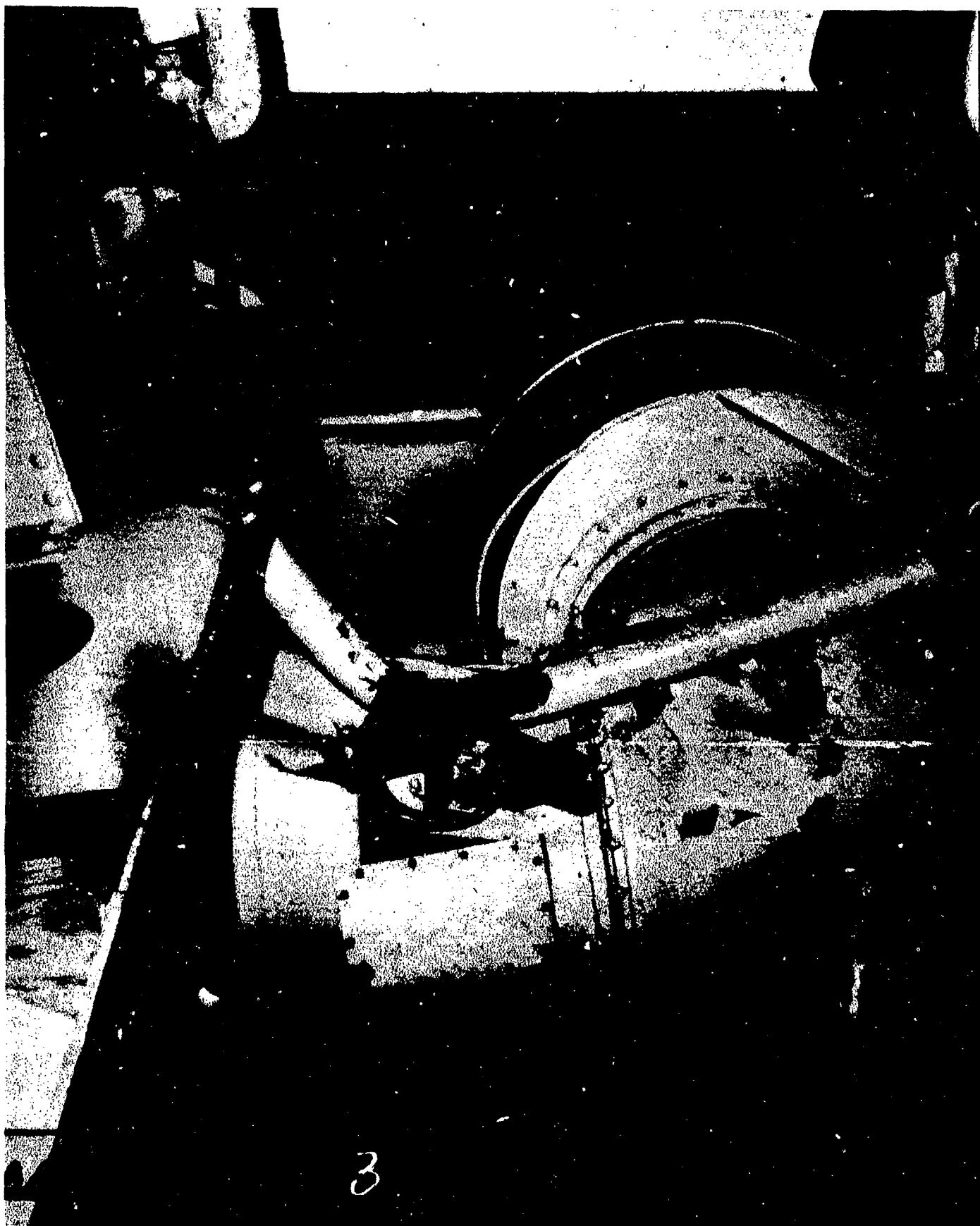
AA-CR-68-1765-3. Compartment D-203-L. Crew's space, 2nd deck, close-up of deck deflection scratch gage at frame 124, starboard side, looking forward and to port.

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AA-CR-175-2178-3. Looking to port on 2nd deck showing failure of center-line stanchion at web frame 125 and damage to blower duct.

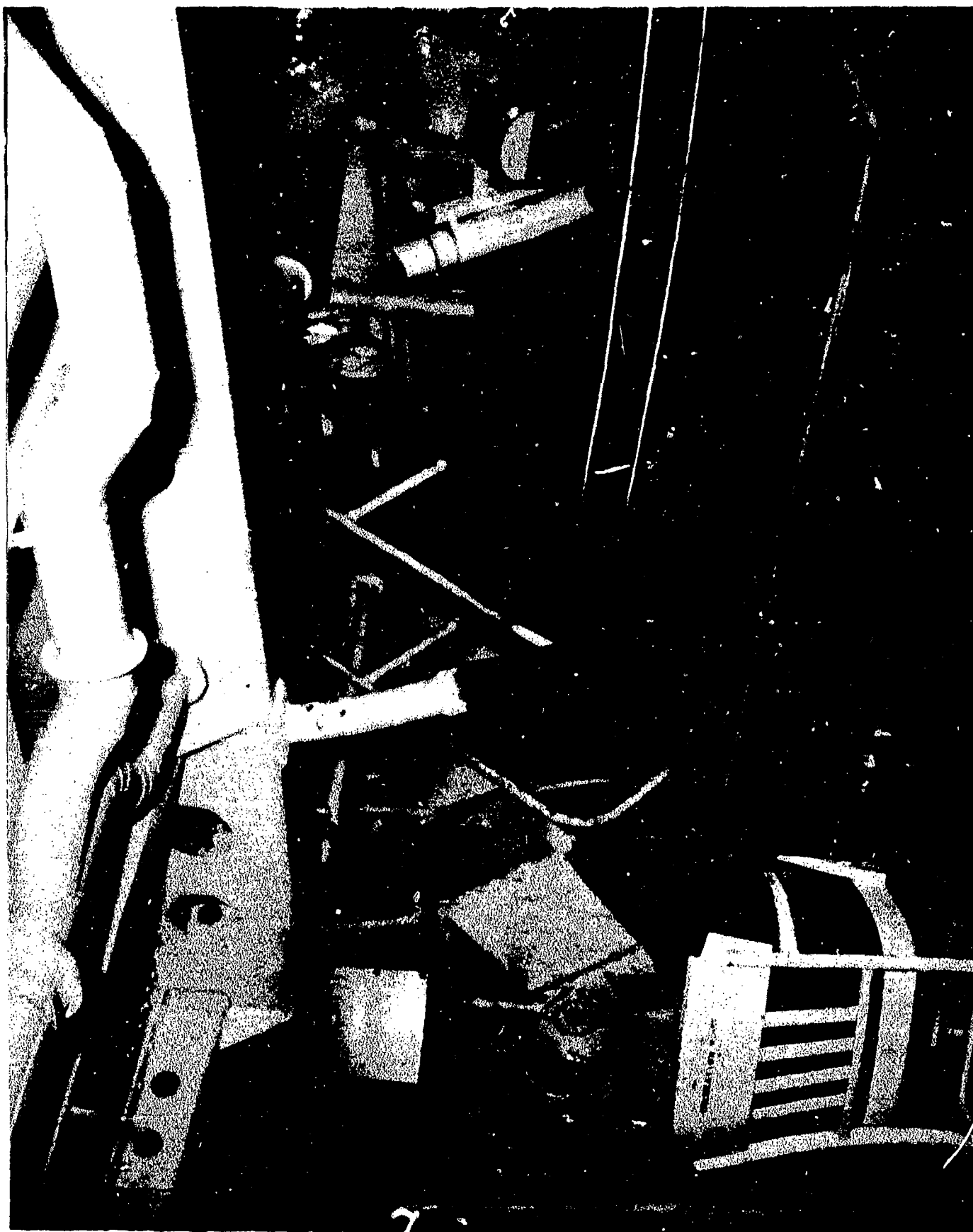
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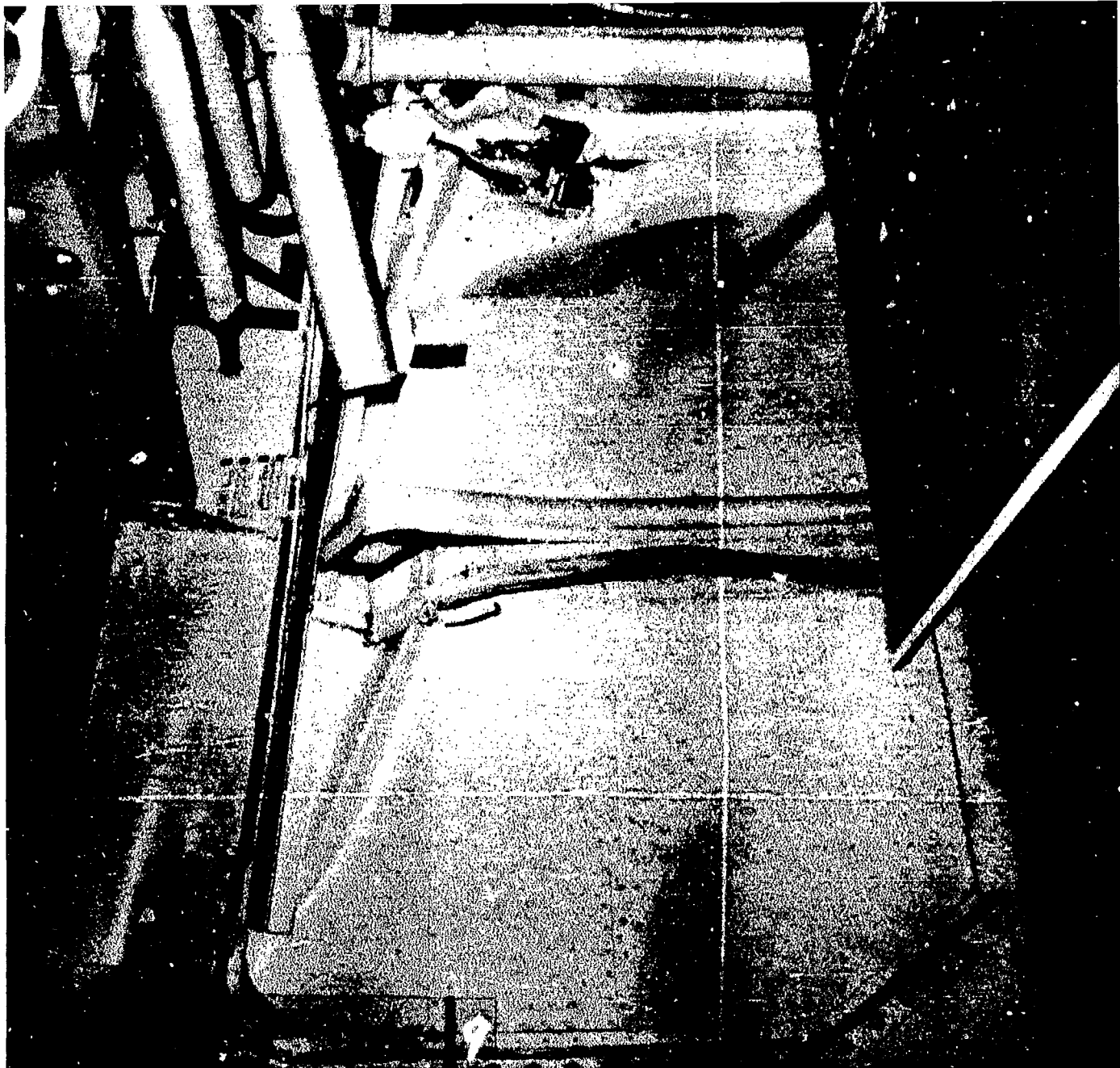
AA-CR-68-1765-7. Compartment D-203-L. Crew's space, 2nd deck, looking aft and to starboard, from frame 124, port side.

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AA-CR-68-1765-9. Compartment D-203-L. Crew's space, 2nd deck, looking aft on starboard side showing damage to bulkhead 128.

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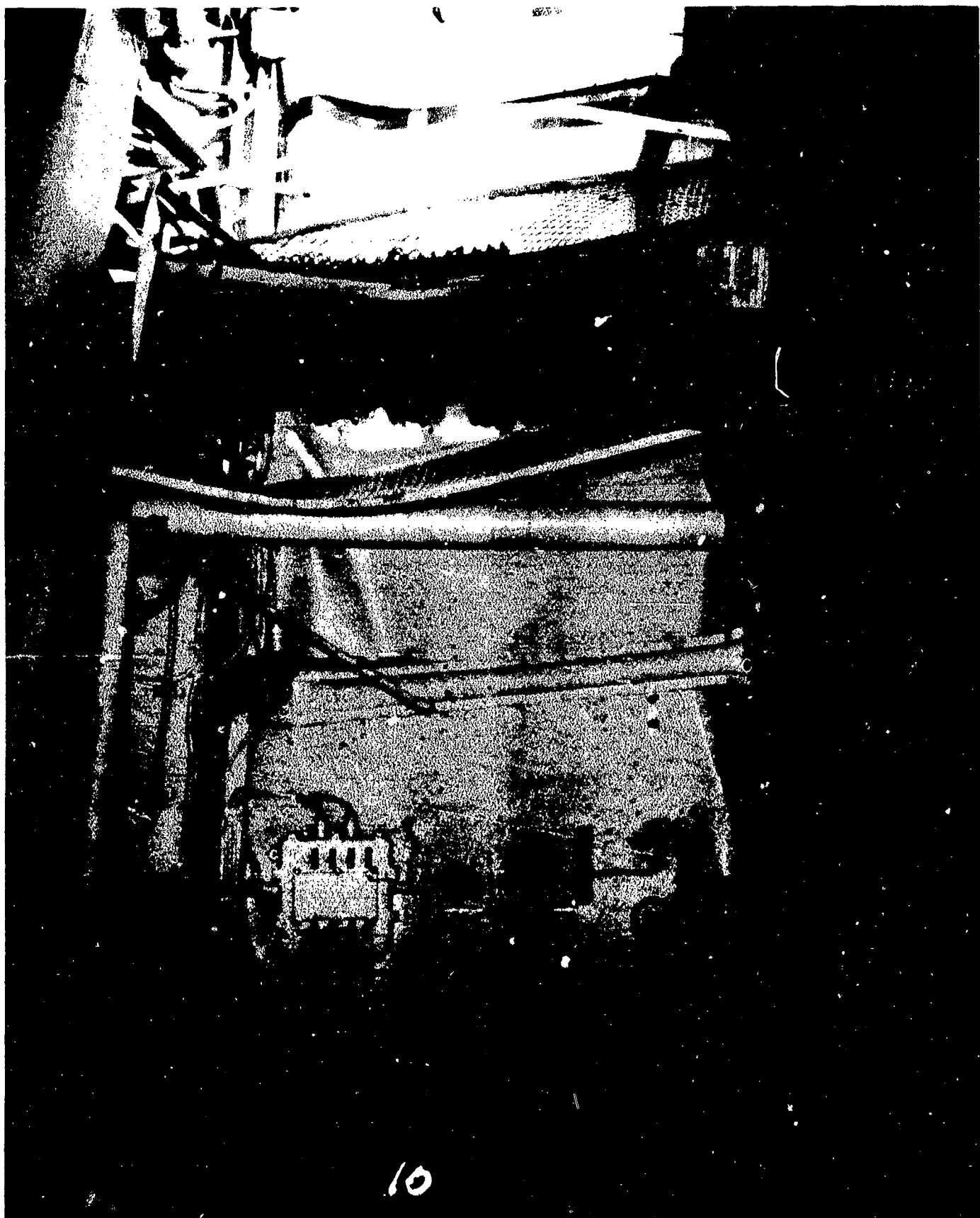
AA-CR-175-2178-12. Looking aft and to starboard shell on 2nd deck showing damage to bulkhead 128 and web frame.

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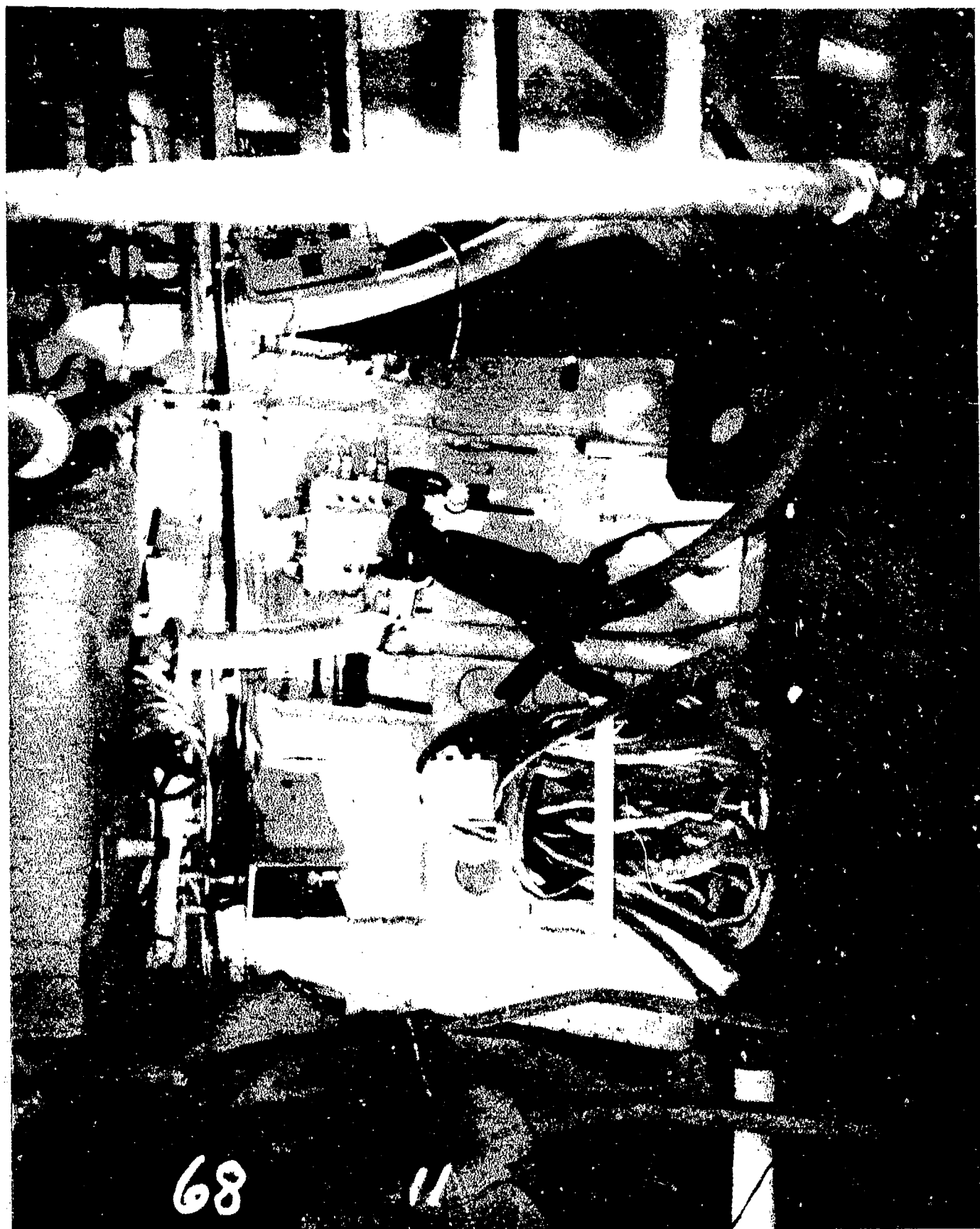
AA-CR-68-1765-10. Compartment D-203-L, crew's space, 2nd deck, forward face of bulkhead 128, just inboard of starboard access.

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AA-CR-68-1765-11. Compartment D-203L, crew's space, 2nd deck, looking aft at center portion of bulkhead 128.

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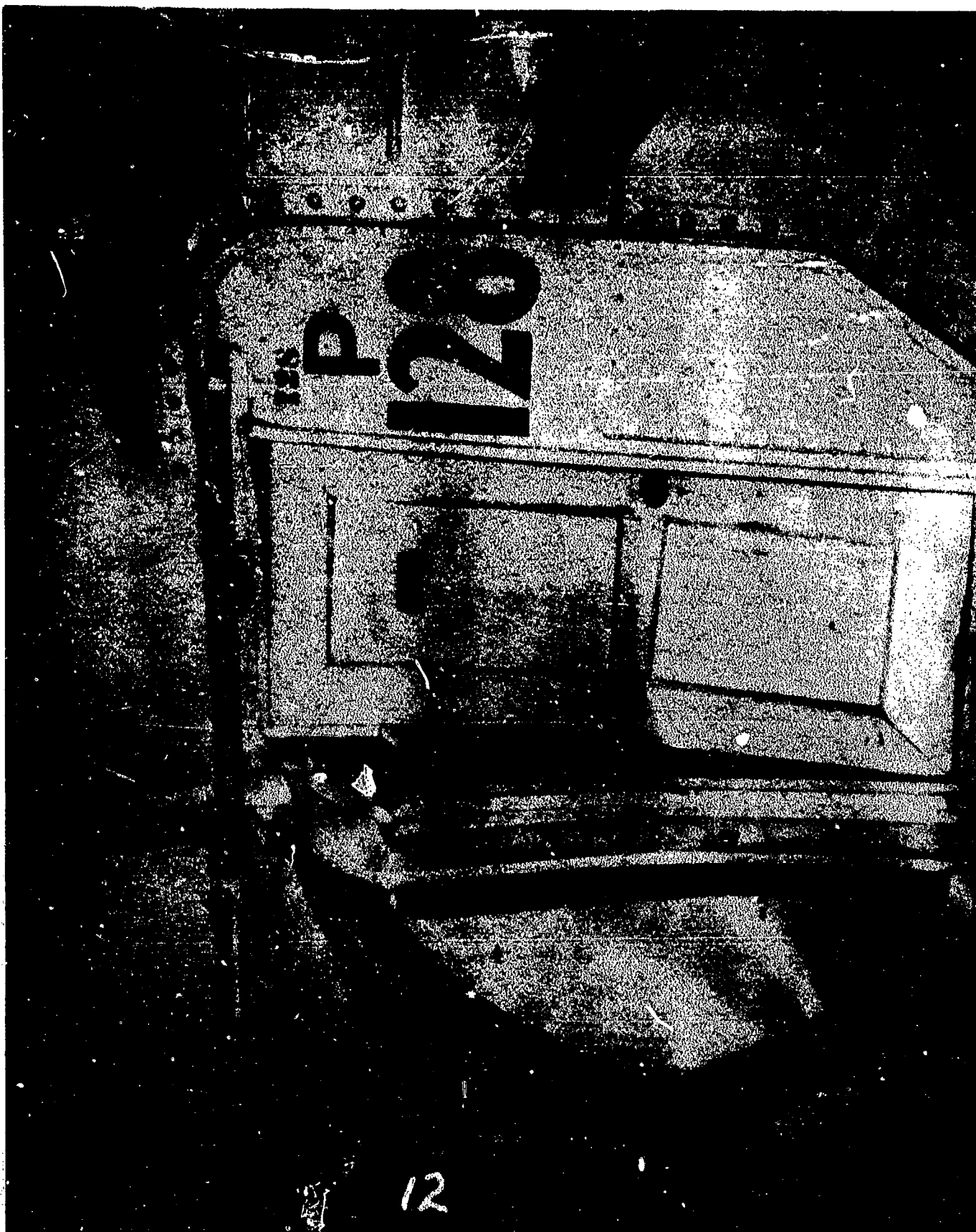
AA-CR-175-2179-1. D-203L. Looking aft and to starboard on 2nd deck showing stanchion failure at bulkhead 128 starboard.

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AA-CR-68-1765-12. Compartment D-203L, crew's space, 2nd deck, forward face of bulkhead 128 in way of port access.

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AA-CR-175-2179-2. D-203L. Looking aft on 2nd deck, port side, showing damage to web frame 128 and door to C.P.O. Mess.

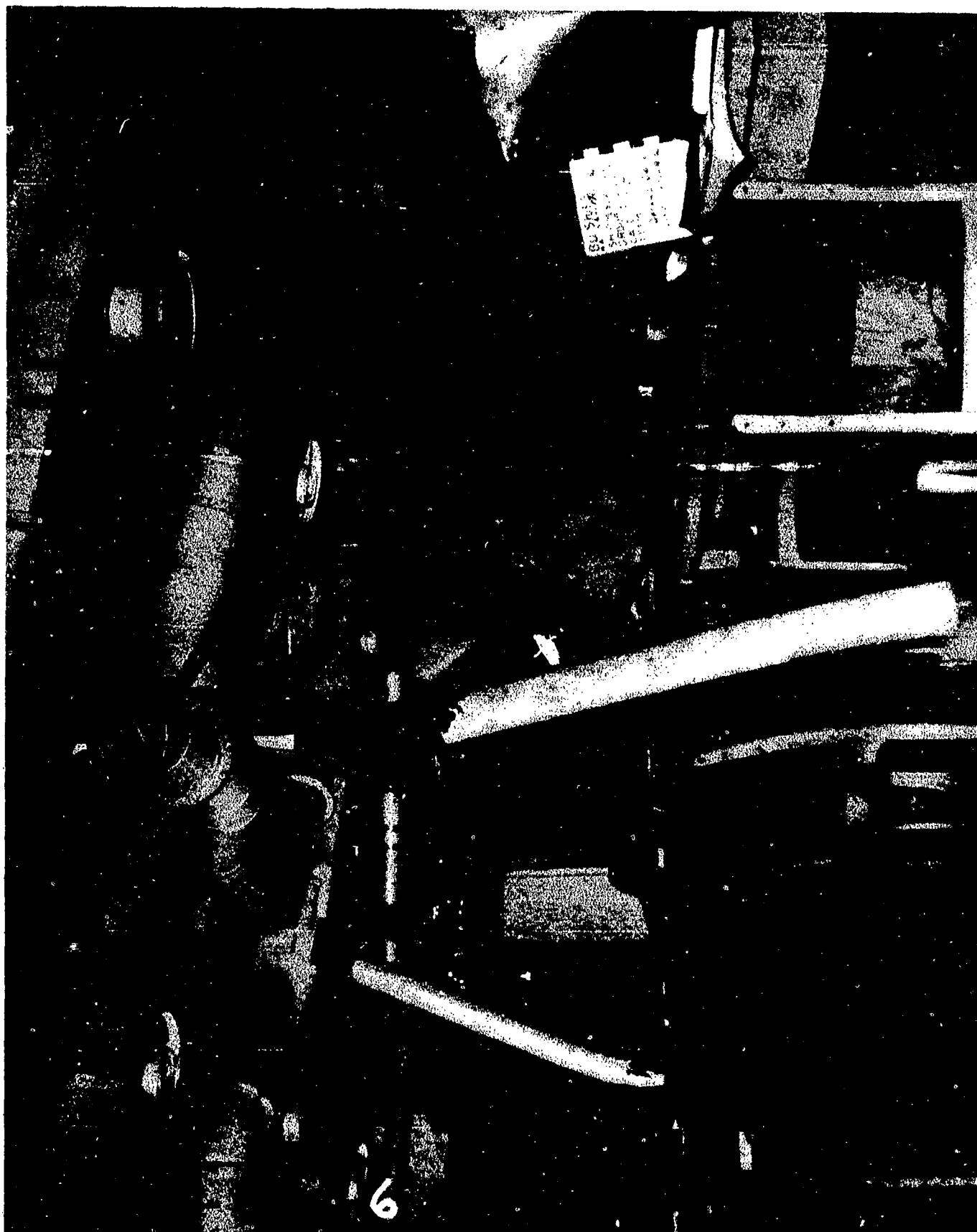
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AA-CR-68-1766-6. Compartment D-203-2L. C.P.O.'s mess, 2nd deck, looking forward and to port from starboard passageway.

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AA-CR-68-1755-5. Looking to port and forward to bulkhead 128 on 2nd deck.

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AA-CR-175-2179-3. D-203-2L. Looking aft on 2nd deck in C.P.O. mess showing damage to stanchion at frame 130, starboard.

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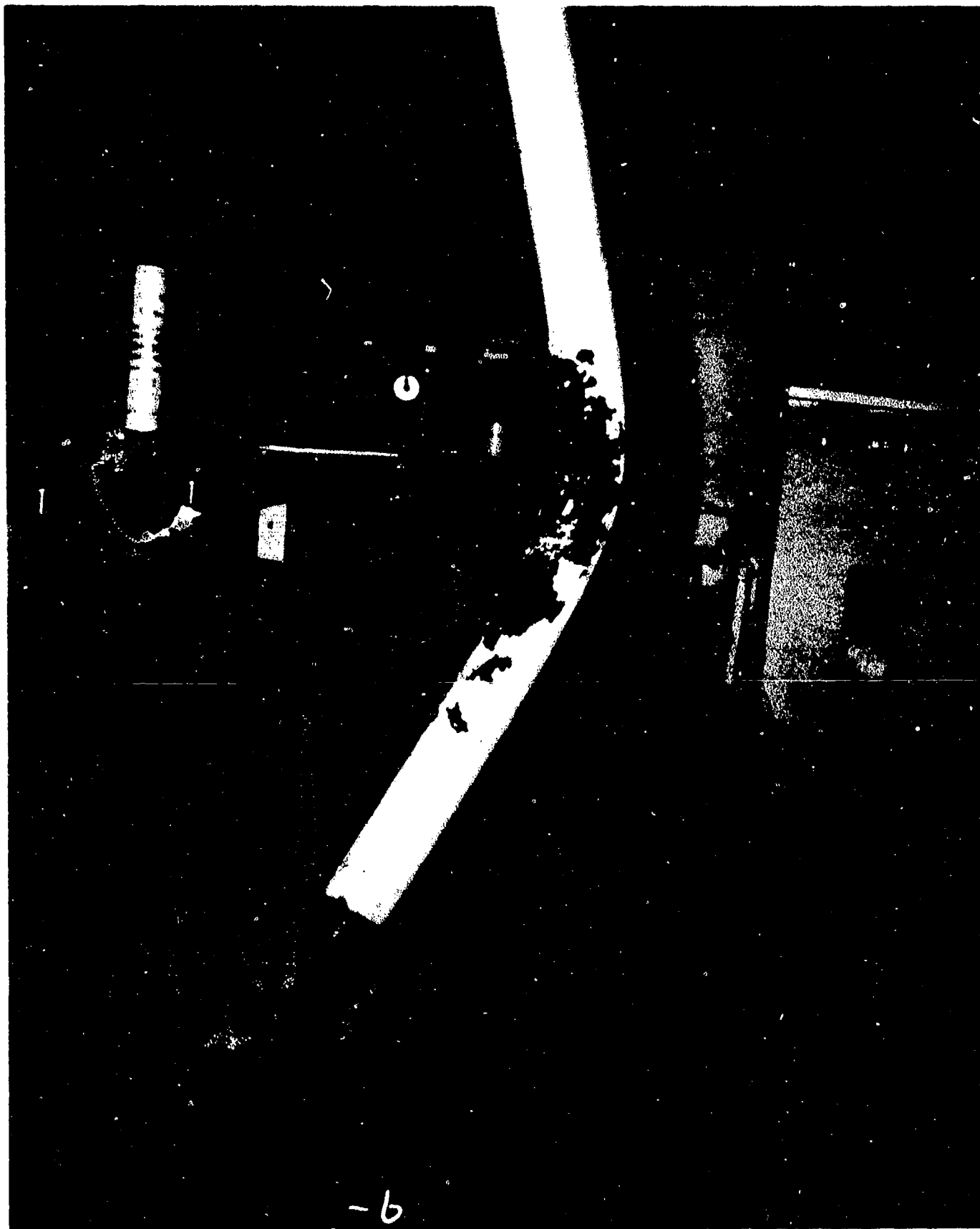
AA-CR-175-2179-4. D-203-2L. Looking aft at centerline stanchion and girder at frame 130.

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AA-CR-175-2179-6. D-203-2L. Looking aft on 2nd deck in C.P.O. mess showing damage to stanchion at frame 130, port.

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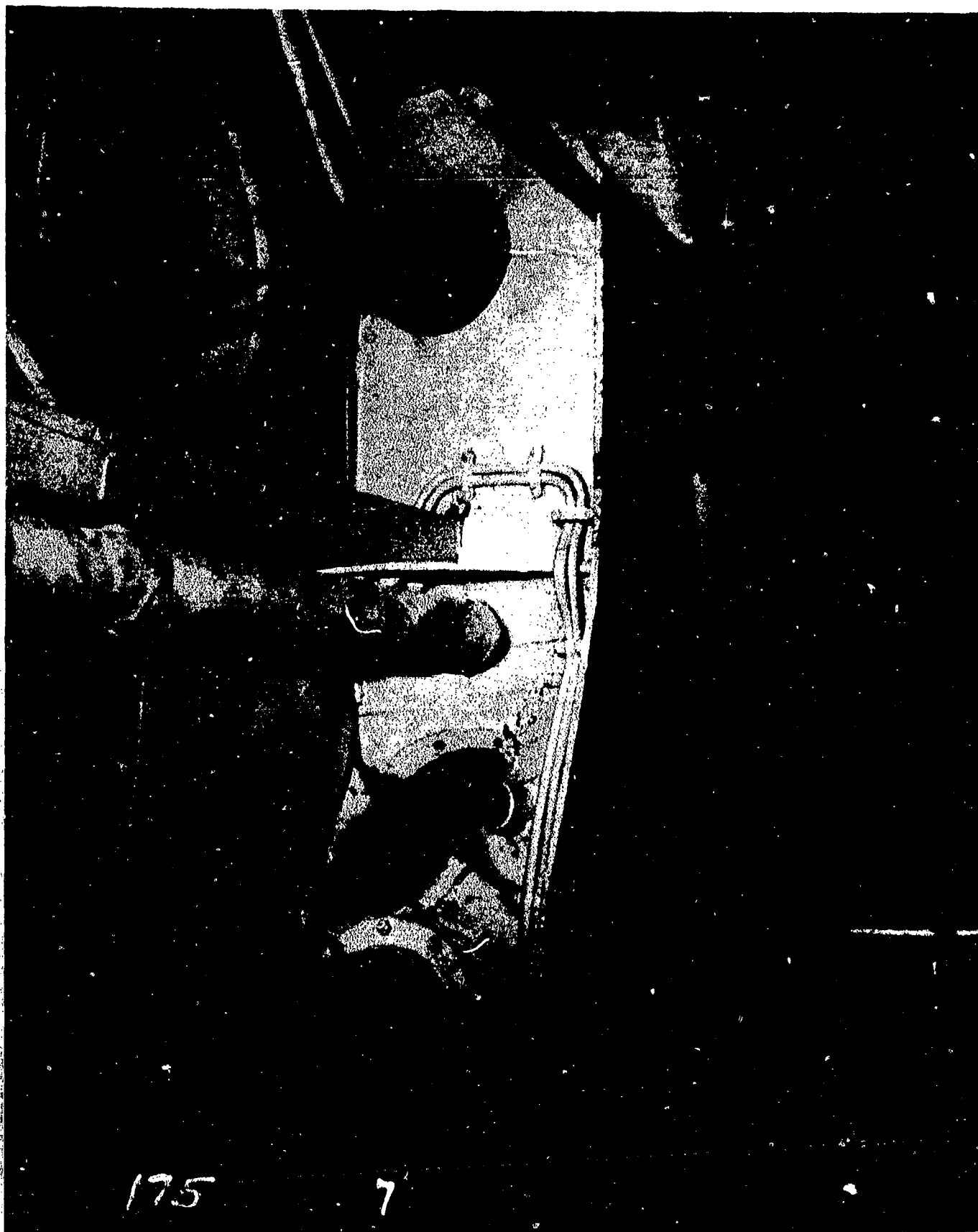
AA-CR-68-1766-7. Compartment D-203-2L. C.P.O.'s mess, 2nd deck, looking to starboard showing buckled and fractured stanchion at frame 130 and damage to C.P.O. pantry.

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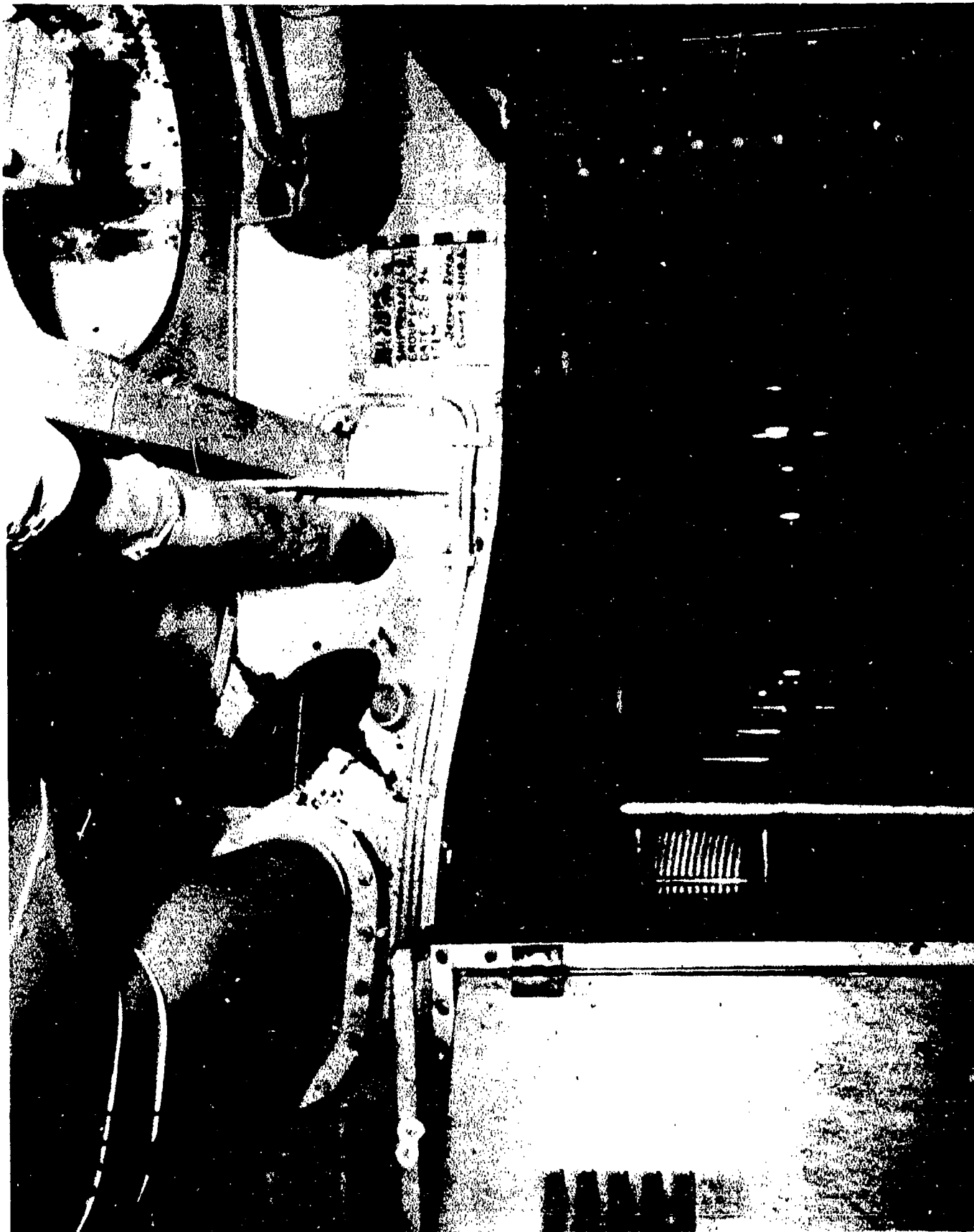
AA-CR-175-2179-7. D-204-L. Looking aft at failure in transverse girder 135 in way of lightening hole.

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AA-CR-68-1766-8. Compartment D-204-L. C.P.O. quarters, 2nd deck, looking aft on starboard side showing damage to frame 135.

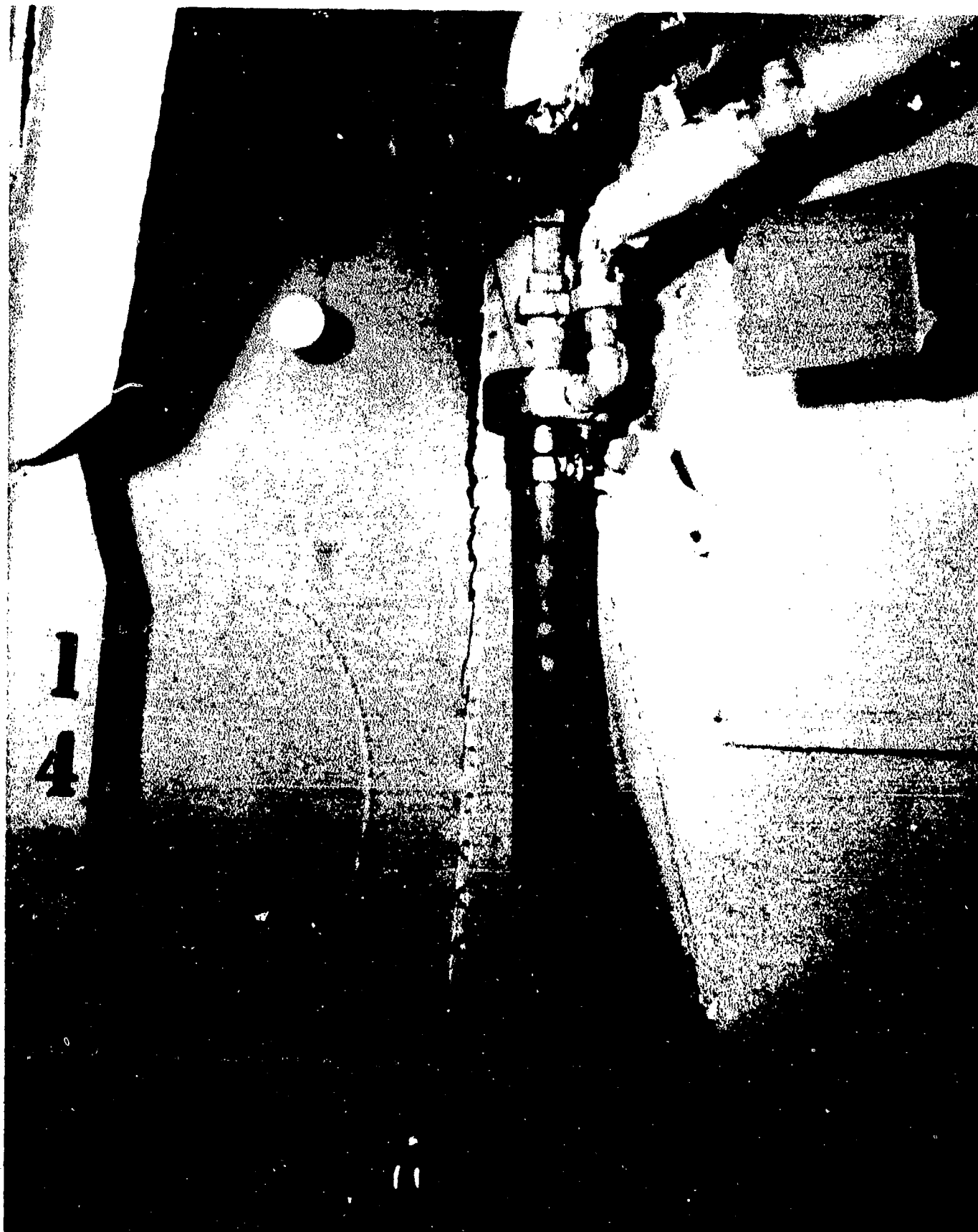
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AA-CR-175-2179-11. D-204L. Looking forward and to port on 2nd deck showing failure of bulkhead 139 1/2 at port shell.

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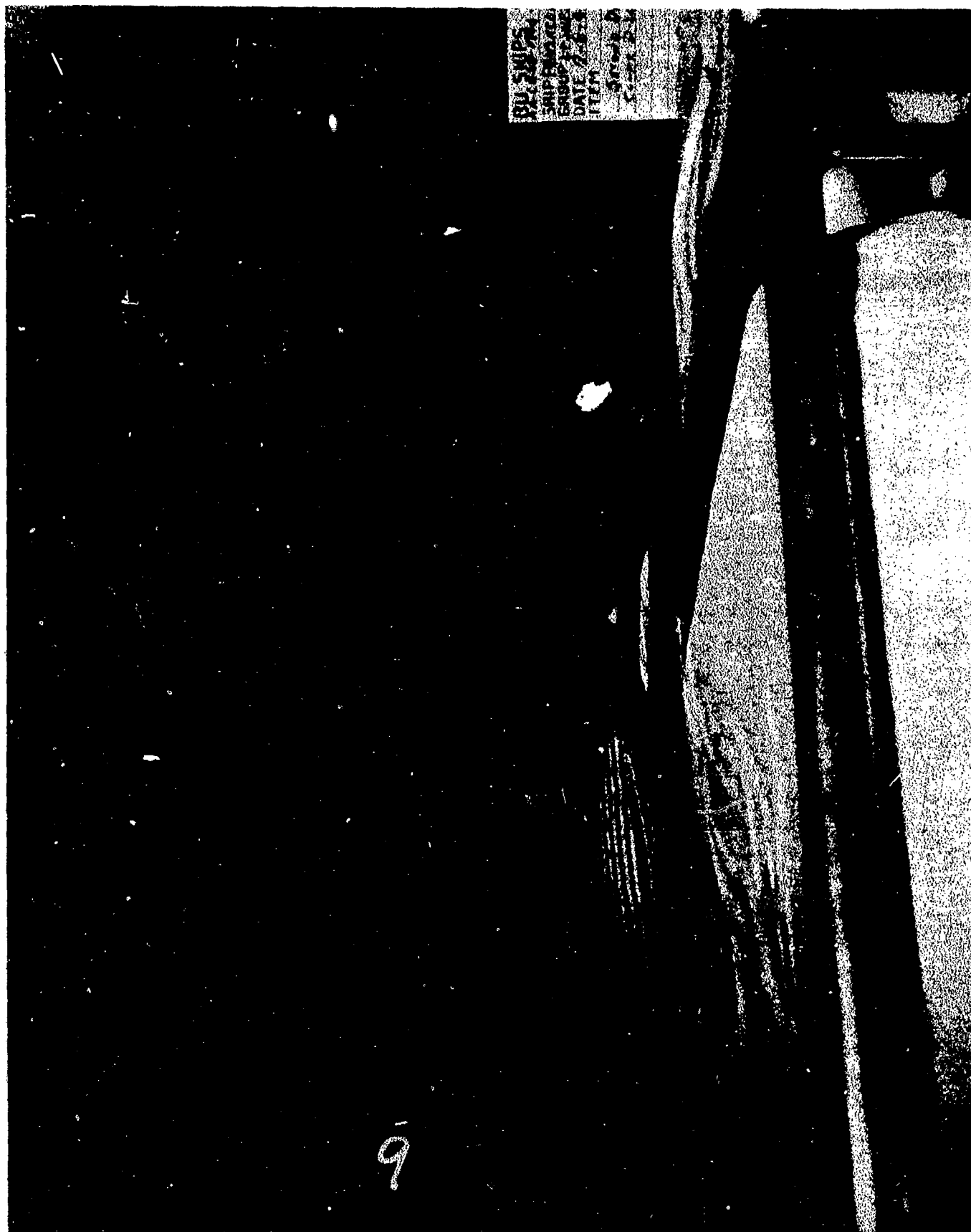
AA-CR-175-2179-12. Looking forward on 2nd deck showing failure of port side stanchion at frame 135. Note deflection of deck beam toward centerline.

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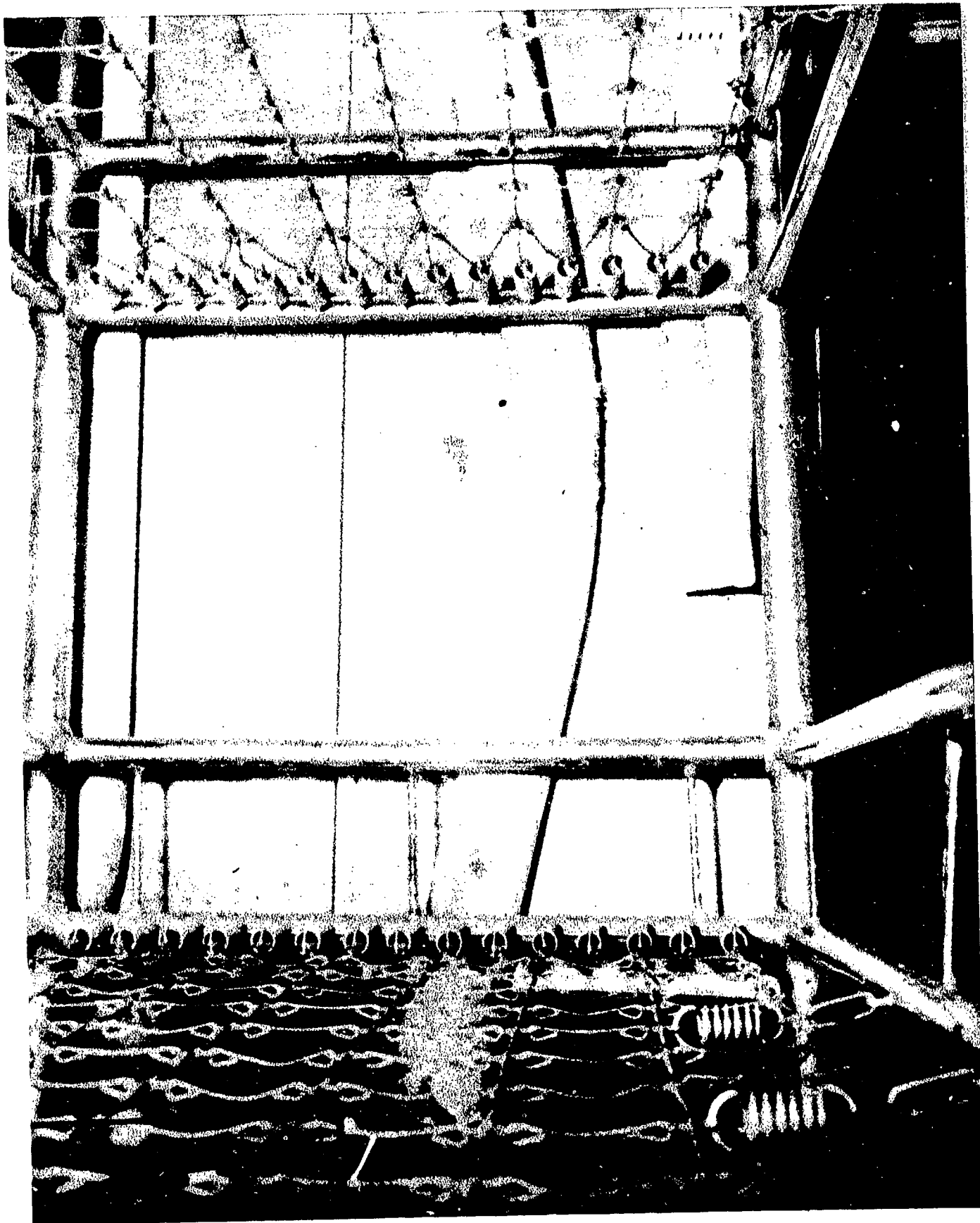
AA-CR-68-1766-9. Compartment D-205-L. C.P.O. quarters, 2nd deck, looking to port and forward showing damage to centerline longitudinal at frame 136 1/2.

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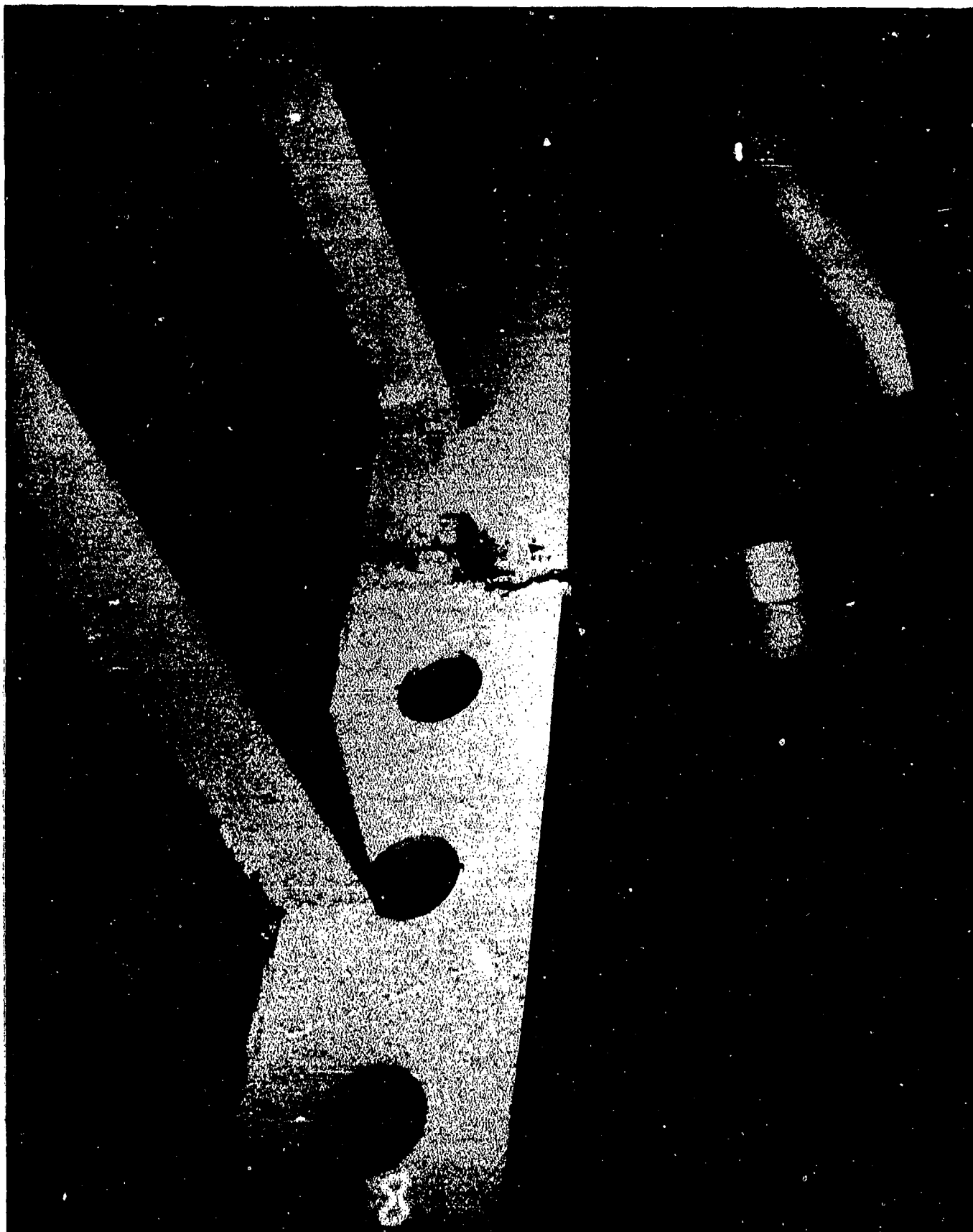
AA-CR-175-2180-1. Looking forward on 2nd deck showing failure of center-line stanchion at frame 135 in C.P.O. quarters.

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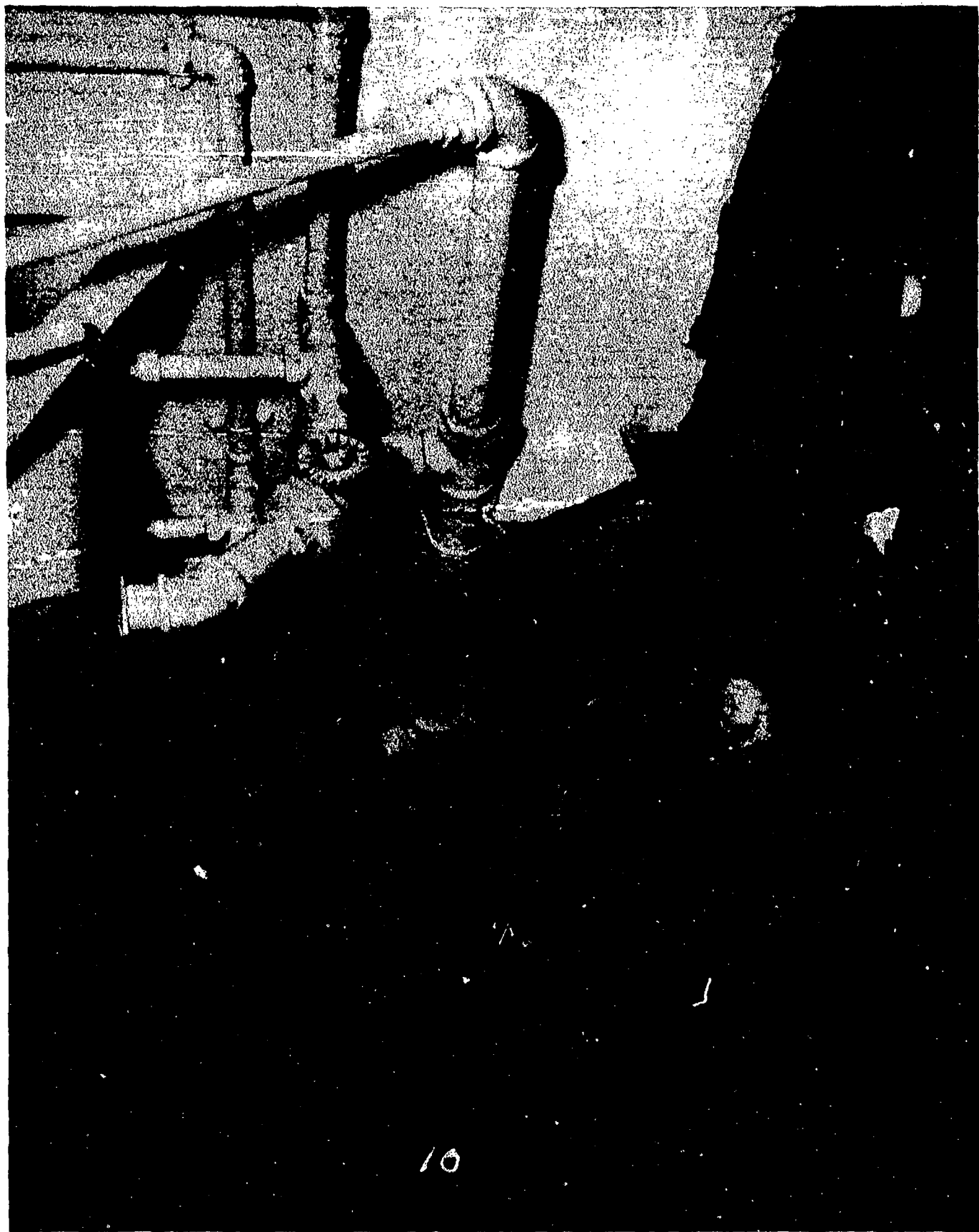
AA-CR-175-2179-8. D-204L. Looking aft and to starboard on 2nd deck showing failure of main deck longitudinal at frame 137.

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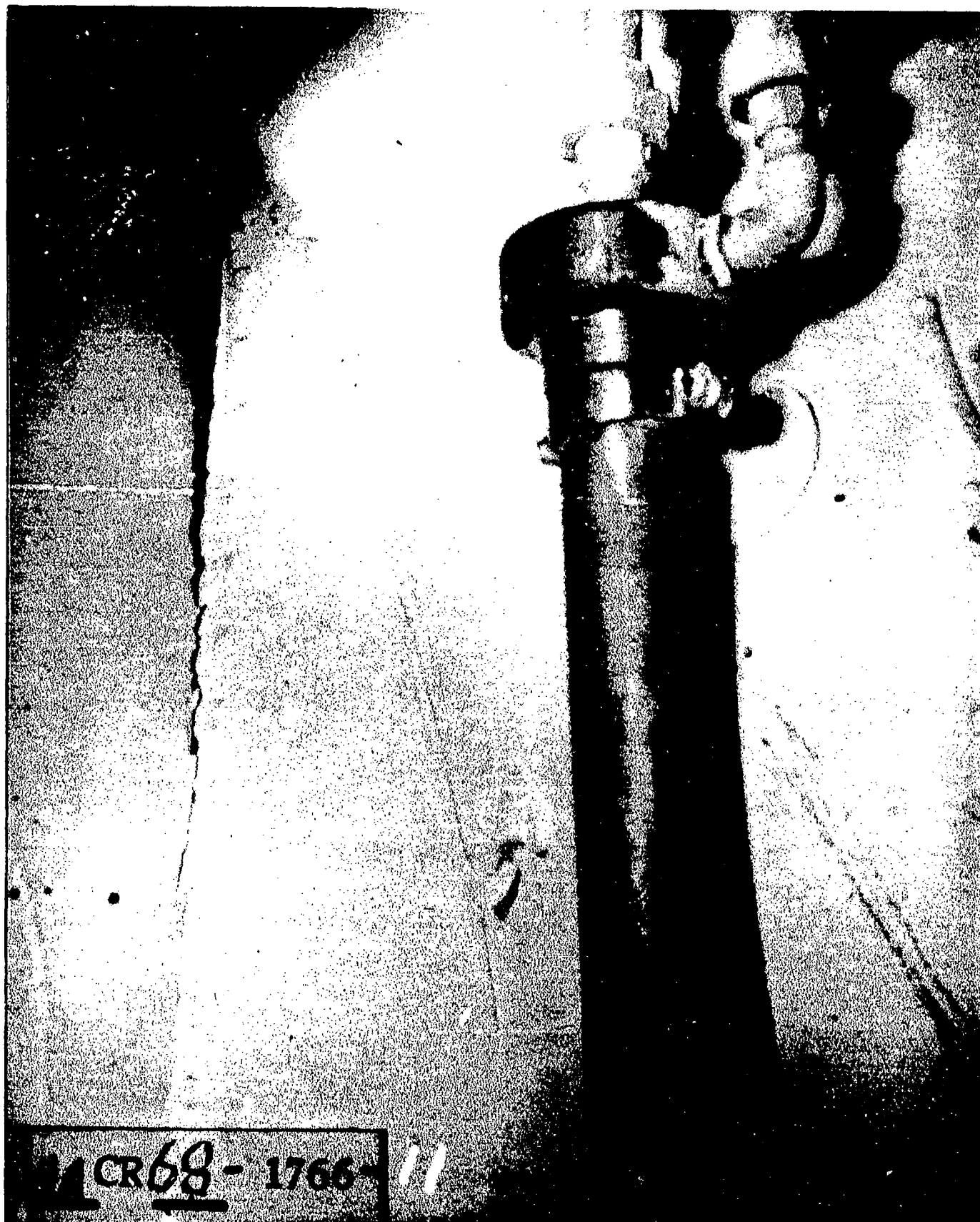
AA-CR-68-1766-10. C.P.O. wash room, 2nd deck after side of bulkhead 139 1/2 looking to port from starboard access.

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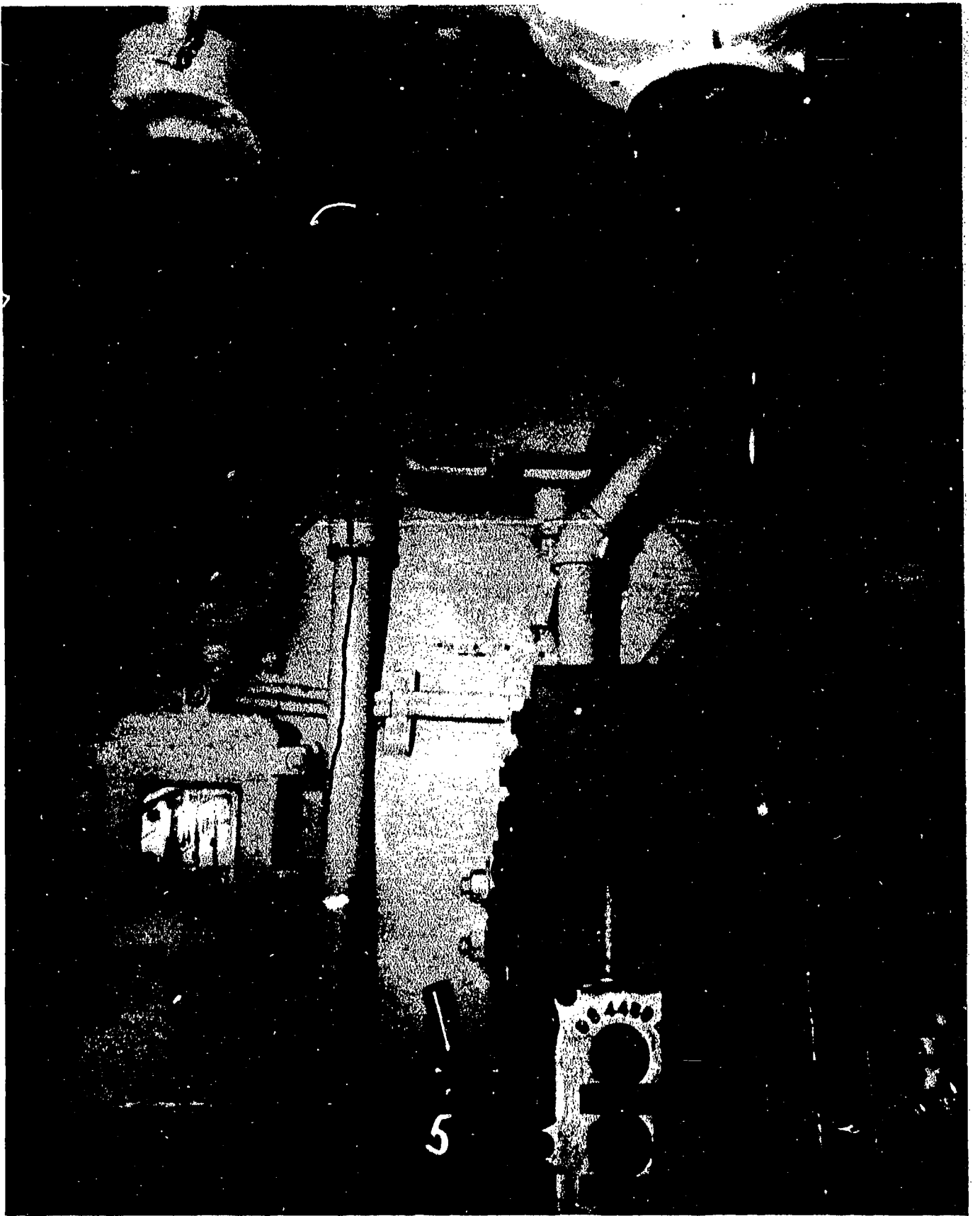
AA-CR-68-1766-11. C.P.O. wash room, 2nd deck, failure of riveted connection of bulkhead 139 1/2, in way of intersection of main deck and port shell.

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AA-CR-68-1763-5. Bulkhead No. 43, looking forward at centerline of ship between 1st and 2nd platforms.

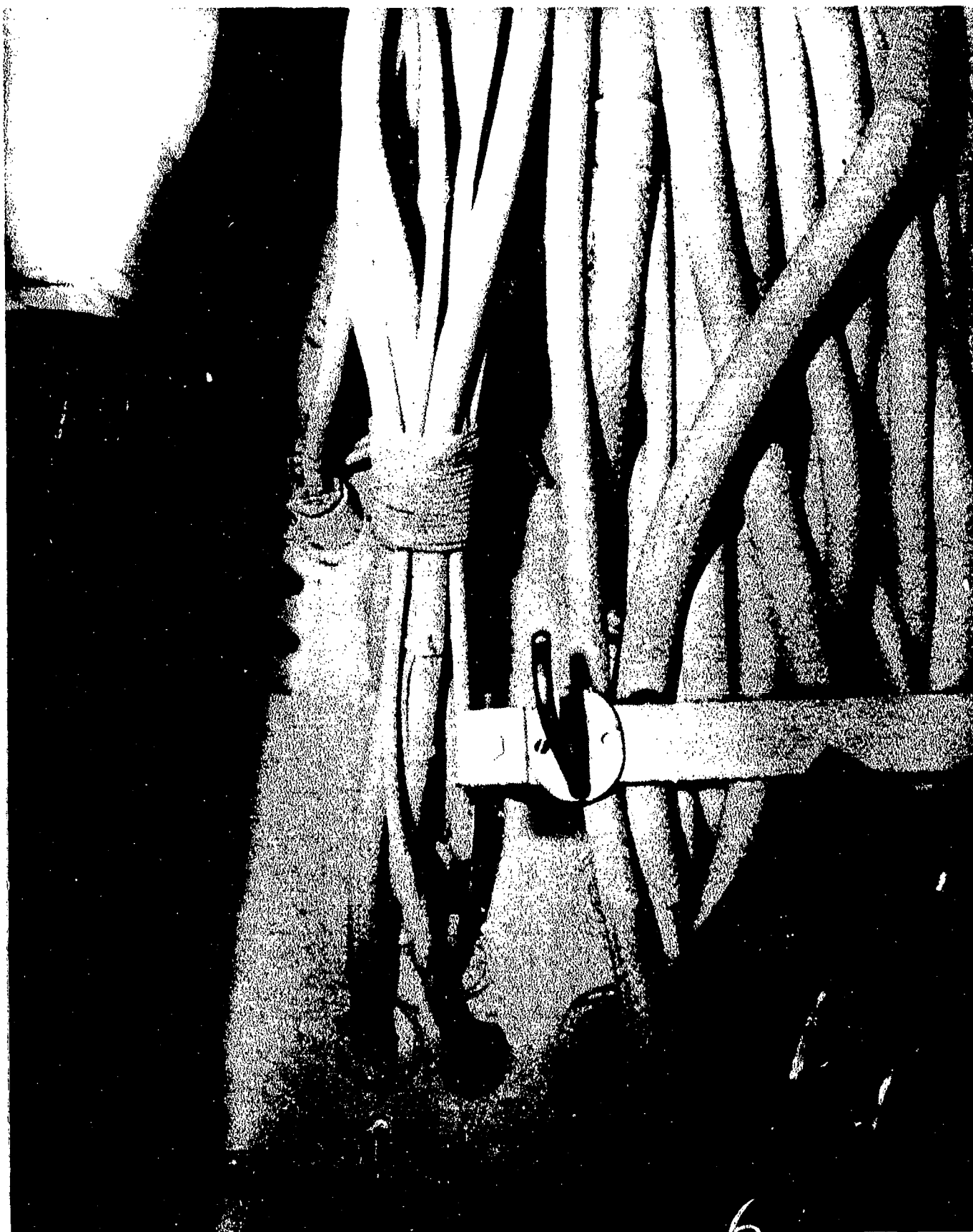
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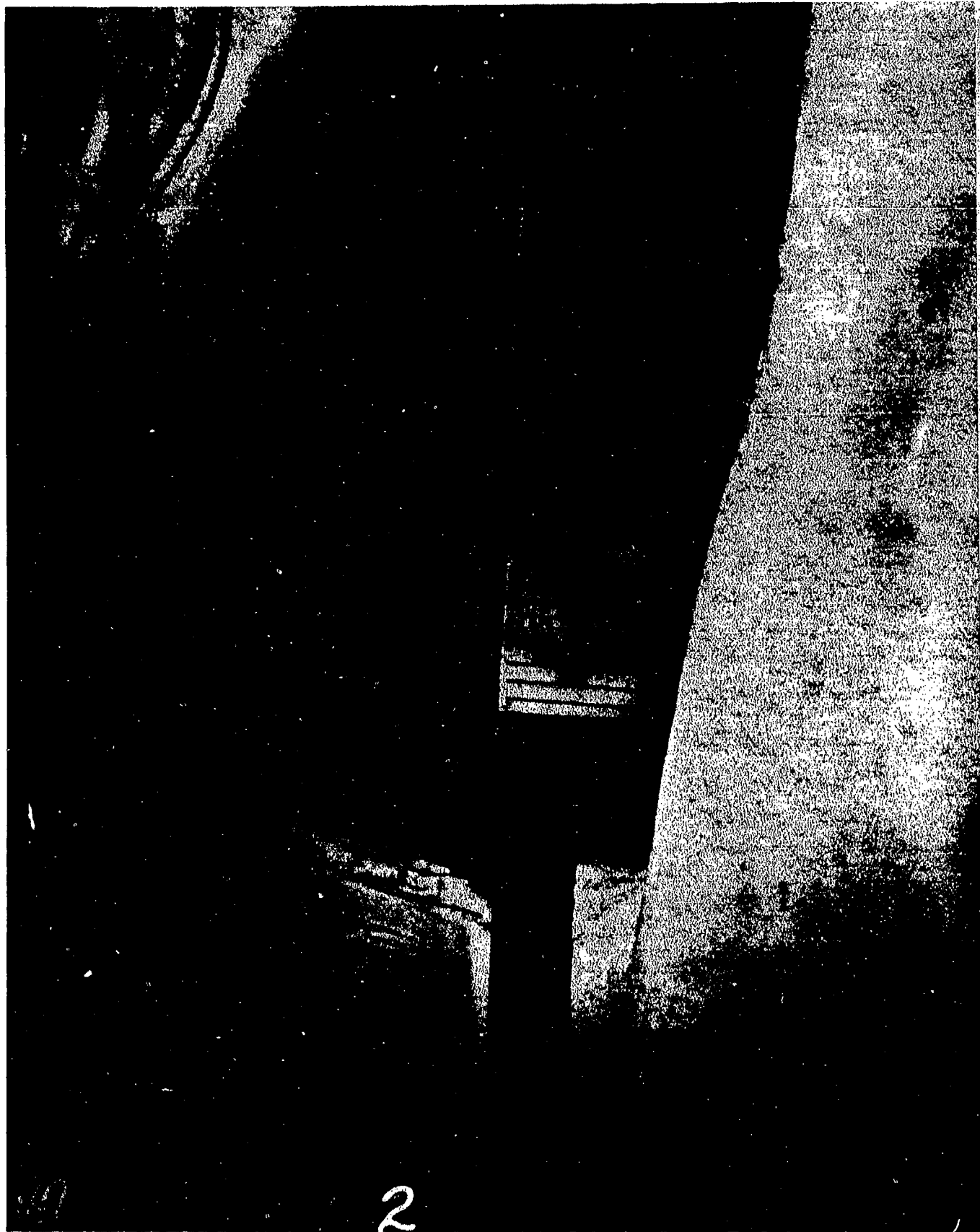
AA-CR-68-1763-6. Bulkhead No. 43, looking forward at centerline of ship between 1st and 2nd platforms.

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AA-CR-68-1762-2. Bulkhead No. 43, showing crushing at centerline under forward leg of forward tripod. Looking aft from starboard side.

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AA-CR-68-1762-3. Bulkhead No. 43, lower end of starboard bracket about 18 inches off centerline. Looking aft, between first and second platform.

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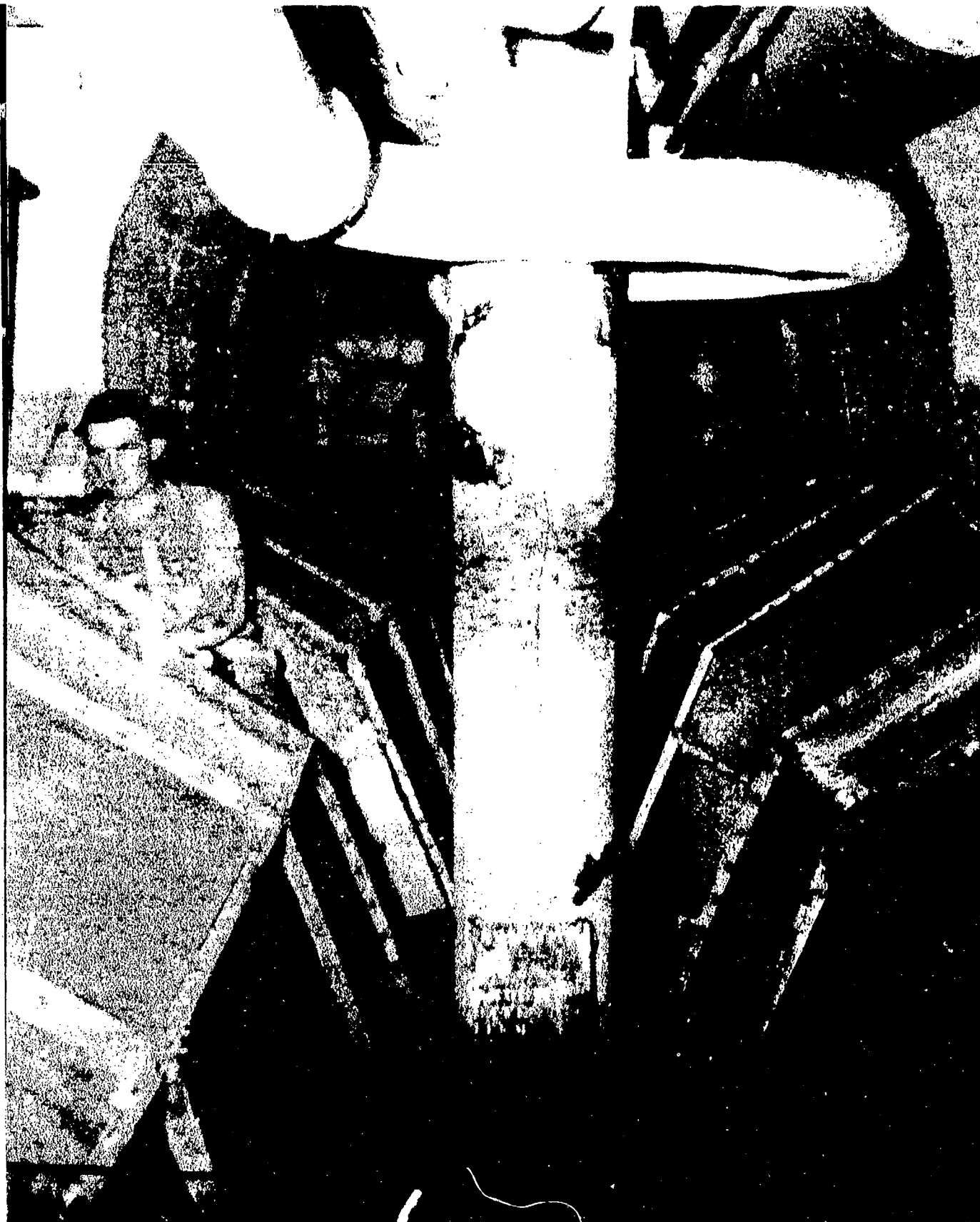
AA-CR-68-1763-1. View in No. 2 fireroom, upper level, looking aft between boilers to centerline column. Note stress lines on column.

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AA-CR-90-575-1. B-2. Looking aft in after fireroom showing centerline stanchion at frame 78 1/2.

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AA-CR-68-1763-2. B-2. Close-up of stressed paint near upper end of centerline stanchion in after fireroom at frame 78 1/2, looking to starboard.

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AA-CR-90-575-4. B-2. Close-up of stressed paint on centerline stanchion in after fireroom at frame 78 1/2.

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AA-CR-90-575-3. B-2. Close-up of stressed paint on centerline stanchion in after fireroom at frame 78 1/2, looking to starboard.

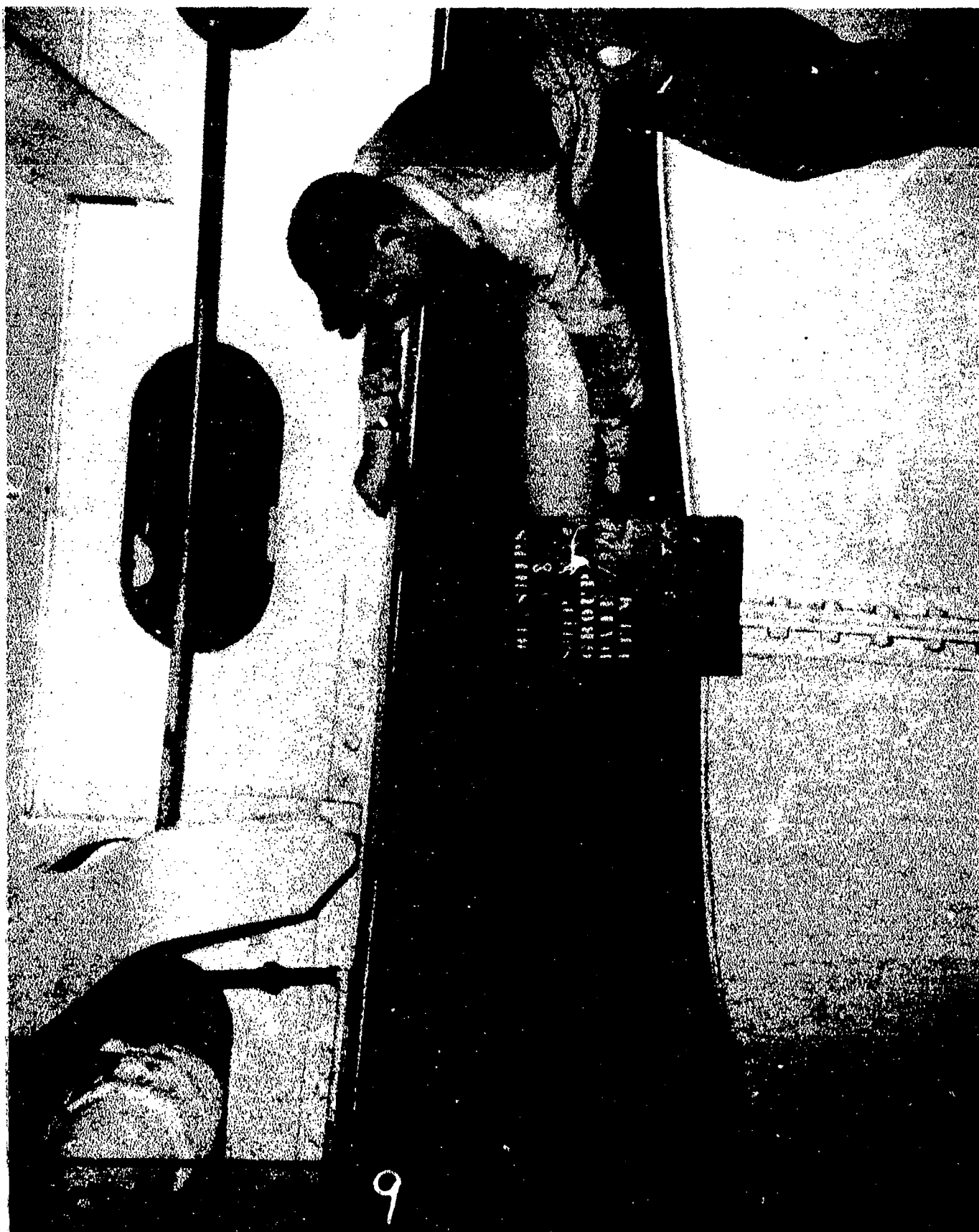
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AA-CR-90-574-9. Looking aft in after engine room, starboard side, showing buckle in flange of transverse girder at frame 93 under 2nd deck.

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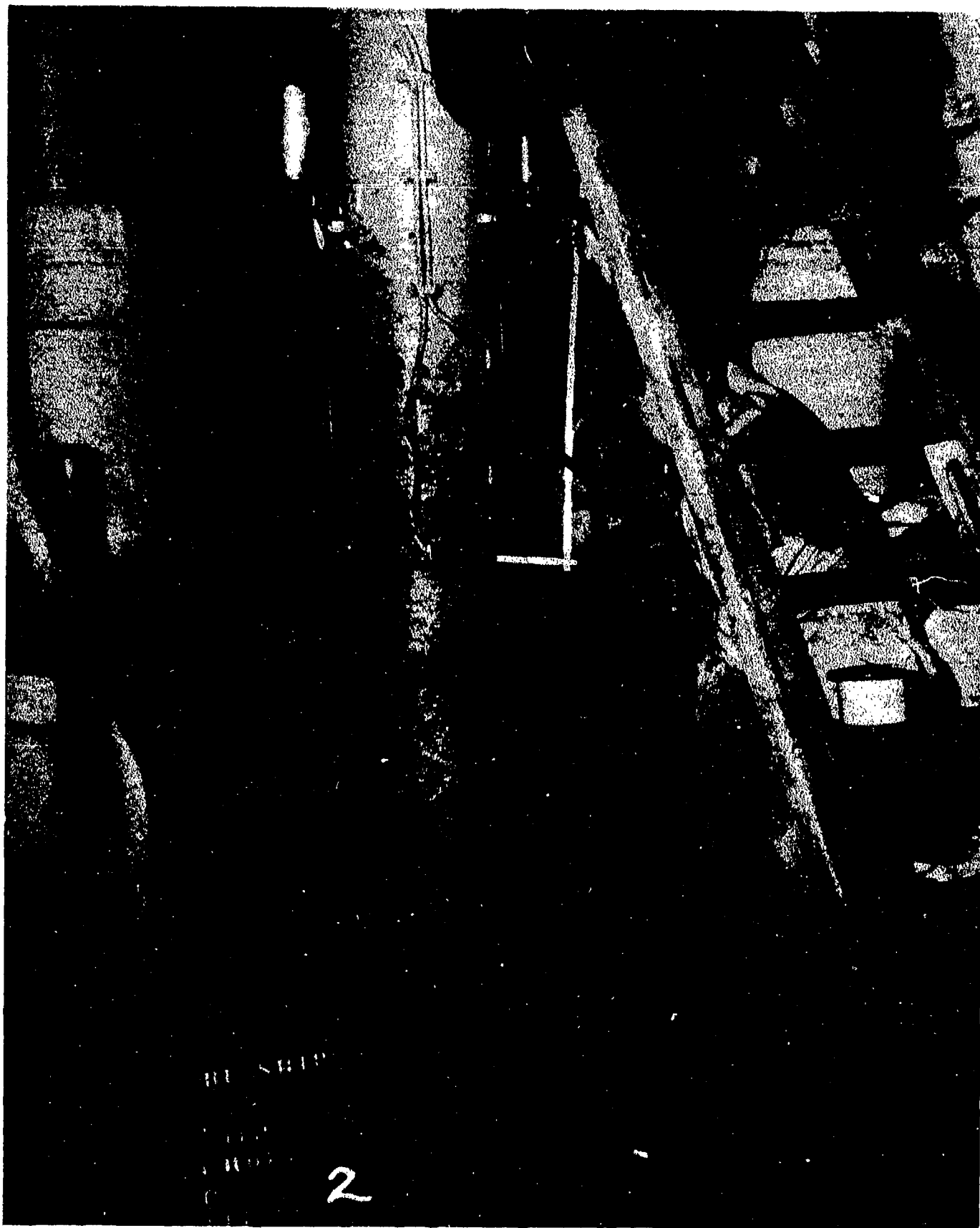
AA-CR-90-574-7. C-2. Looking aft in after engine room, port side, showing buckle in flange of transverse girder at frame 93 under 2nd deck.

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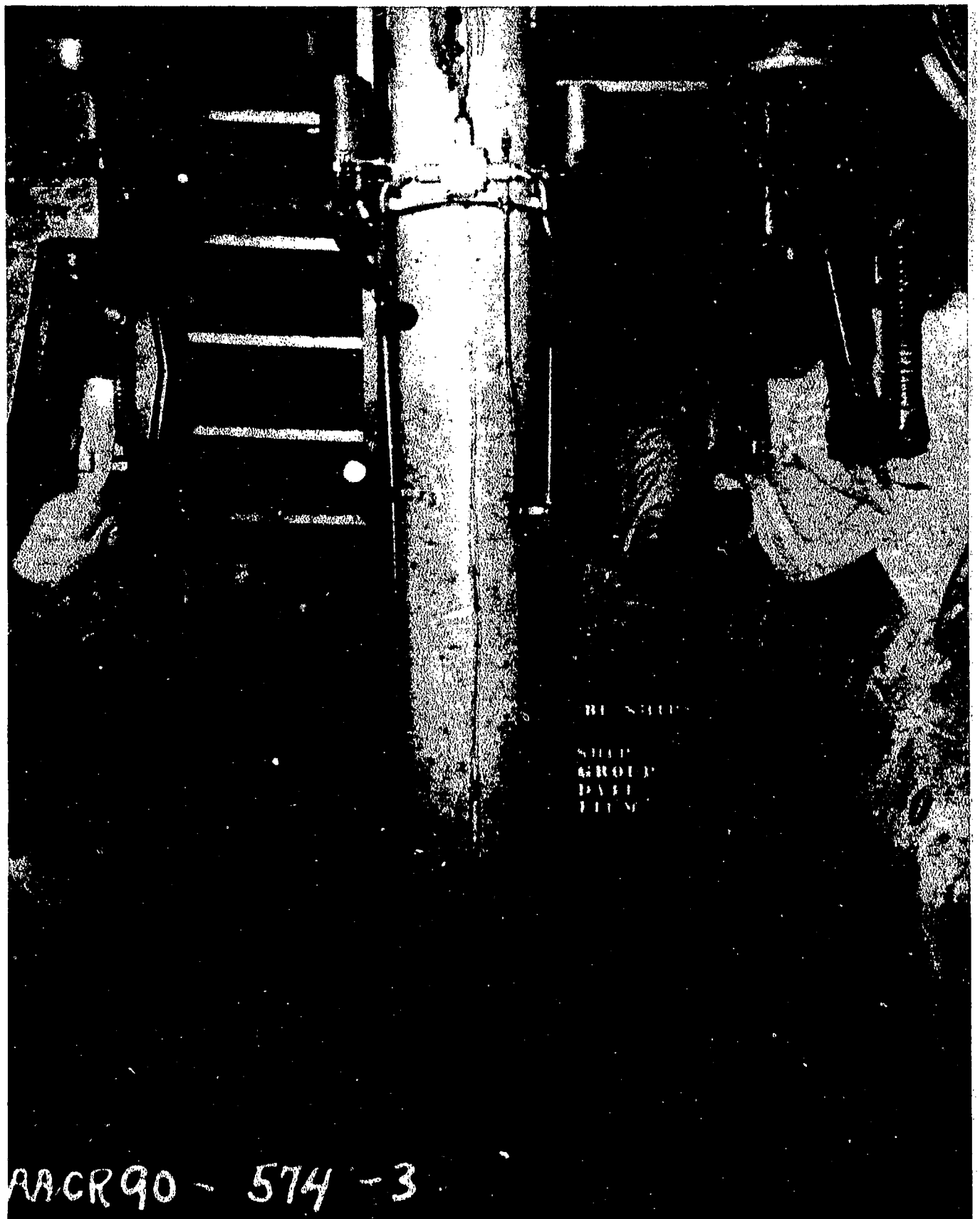
AA-CR-90-574-2. C-2. Looking forward on lower level in after engine room showing damage to centerline stanchion at frame 93.

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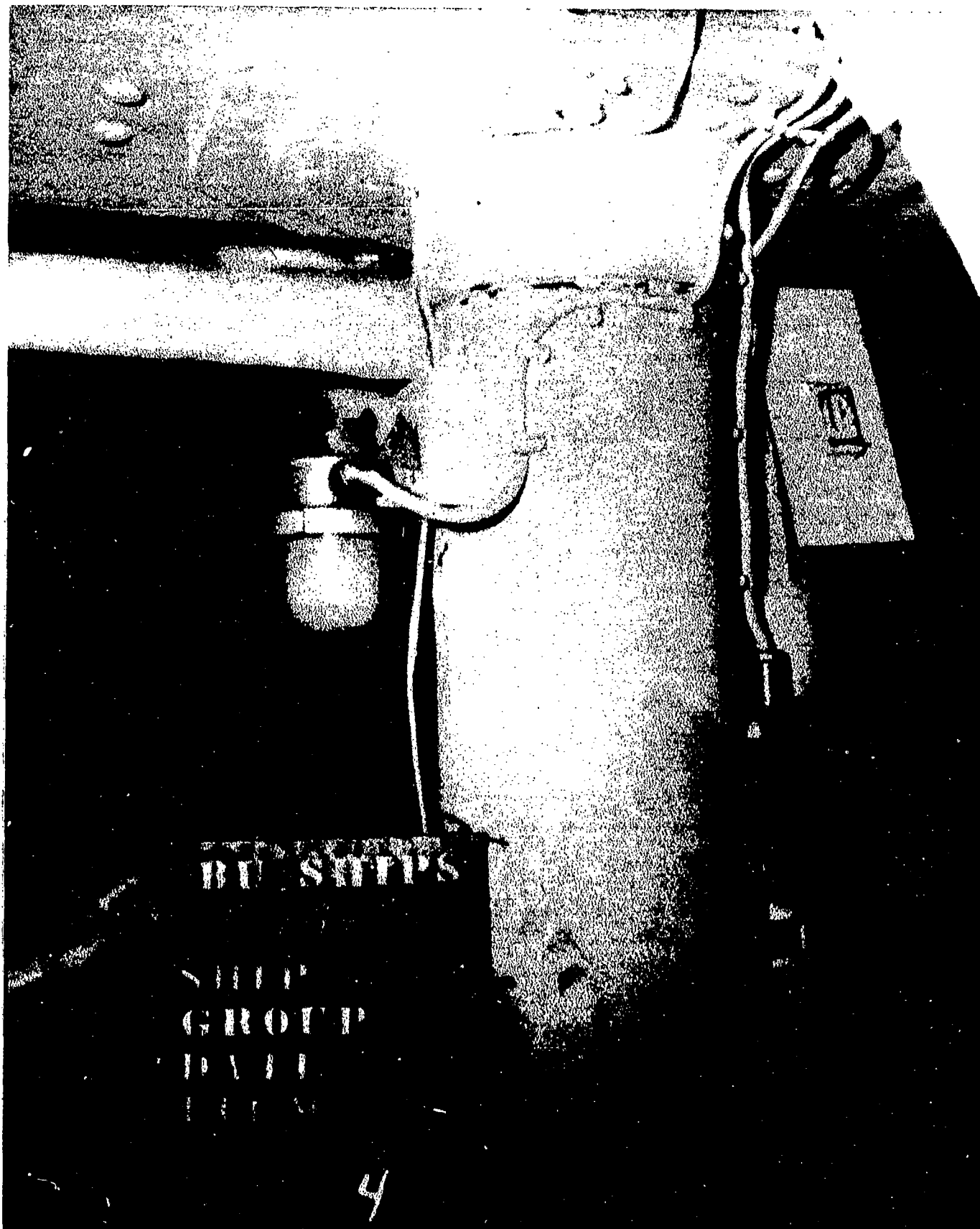
AA-CR-90-574-3. C-2. Looking aft on lower level in after engine room showing centerline stanchion at frame 93.

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AA-CR-90-574-4. C-2. Connection of centerline stanchion in after engine room at frame 93, to longitudinal girder under 2nd deck.

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AA-CR-90-574-6. Looking aft in after engine room showing centerline girder, frames 95-96.

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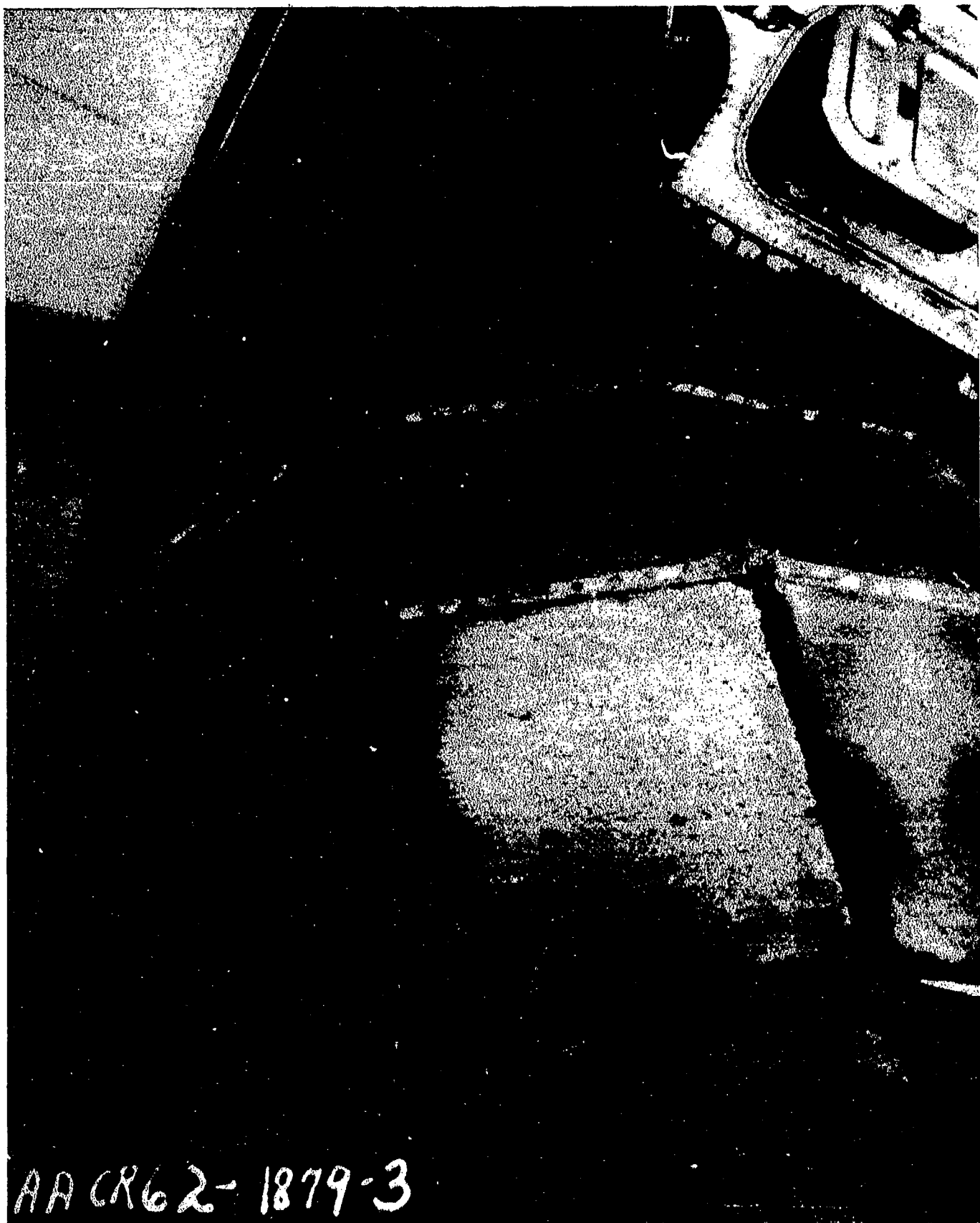
AA-CR-90-574-5. C-2. Looking to starboard in after engine room just forward of after bulkhead, showing centerline girder, frames 95-96.

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AA CR62-1879-3

AA-CR-62-1879-3. #2 Boiler, upper port side casing.

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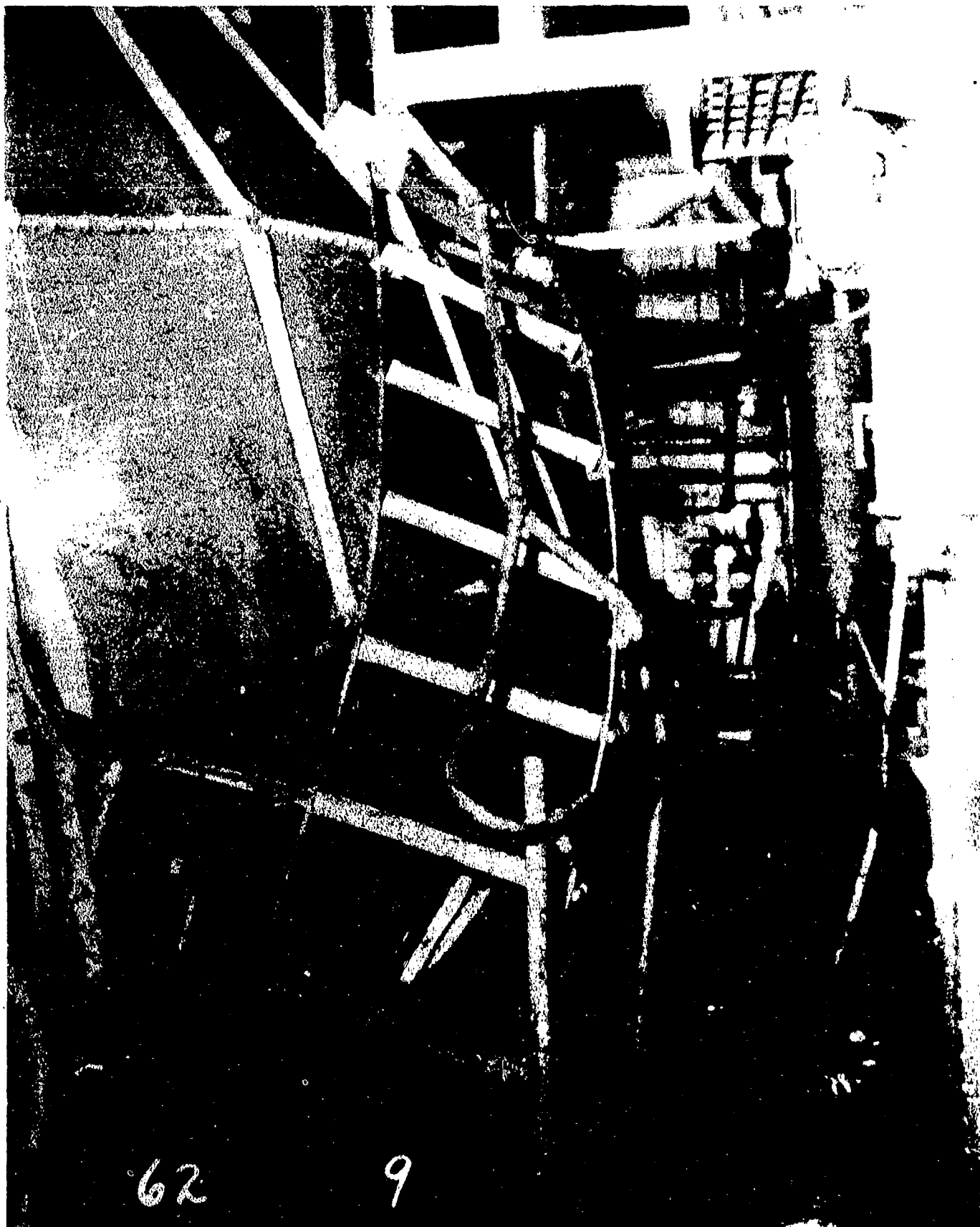
AA-CR-62-1879-8. #4 Boiler, outboard casing.

SECRET

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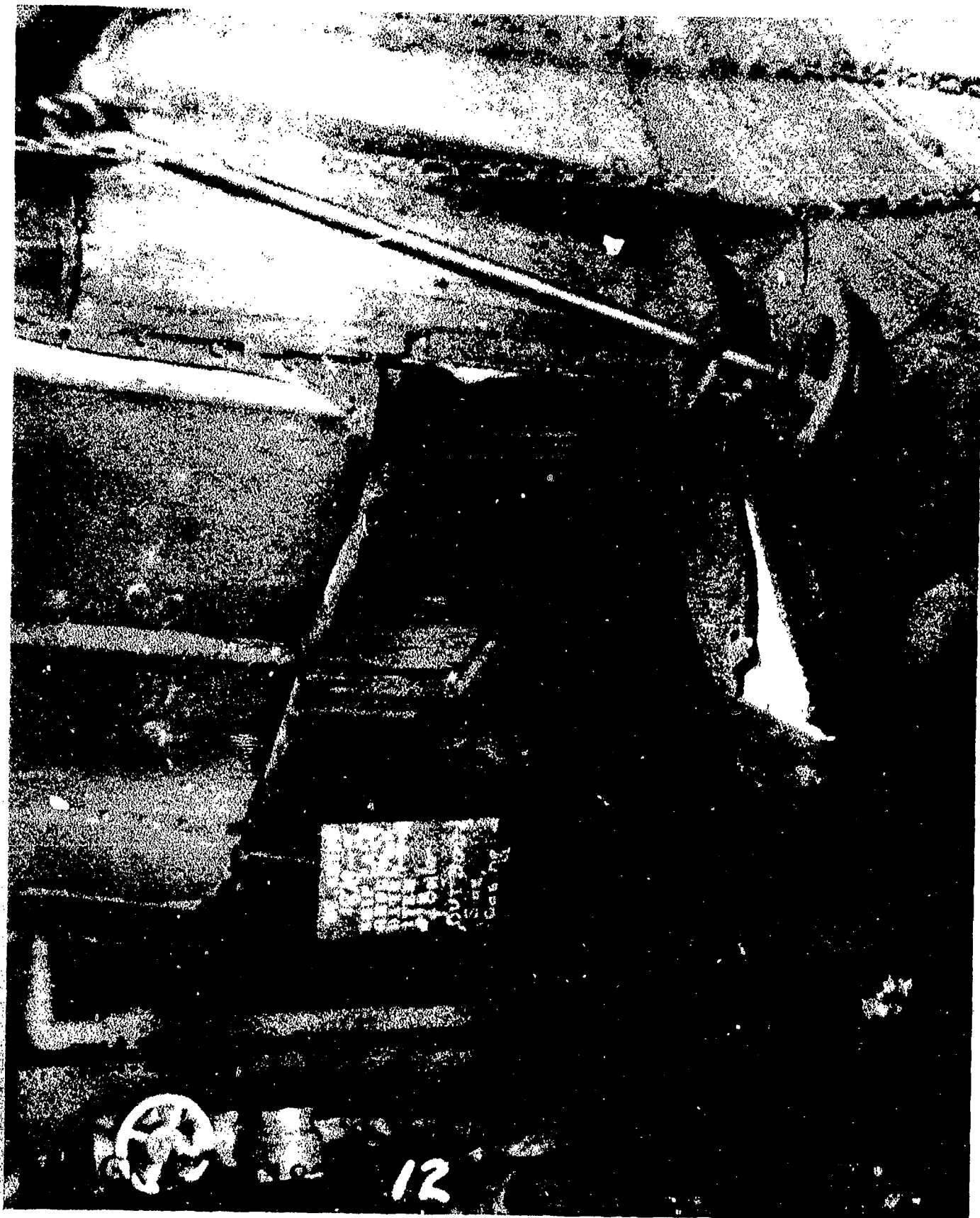
AA-CR-62-1879-9. #8 Boiler, cutboard casing.

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AA-CR-62-1878-12. #1 Boiler, outboard side casing.

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AA-CR-62-1879-2. #2 Boiler, upper front casing, outboard.

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AA-CR-62-1879-4. #2 Boiler, upper front casing.

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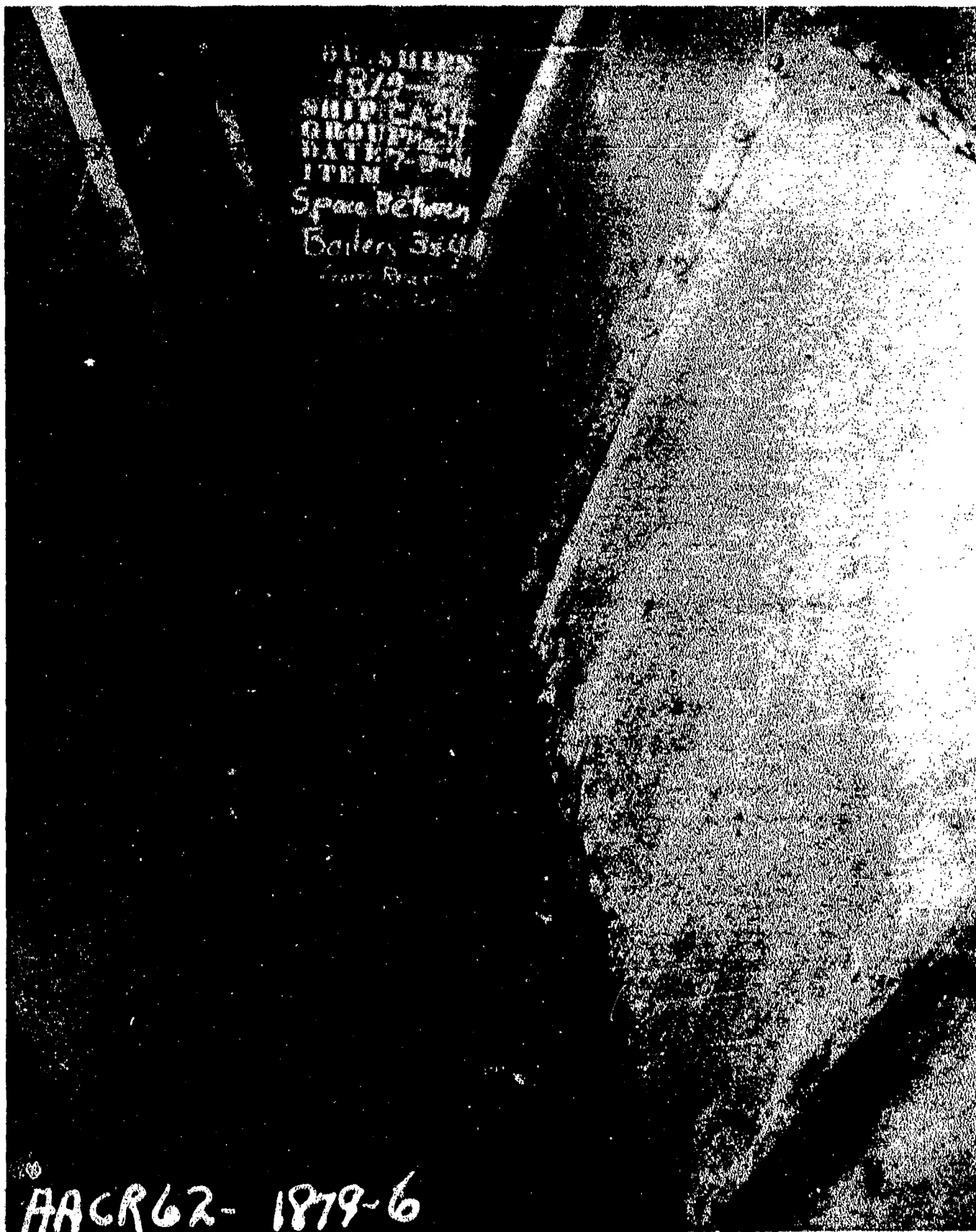
AA-CR-62-1879-5. Space between boilers #1 and #2 from rear.

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AA-CR-62-1879-6. Space between boilers #3 and 4 from rear.

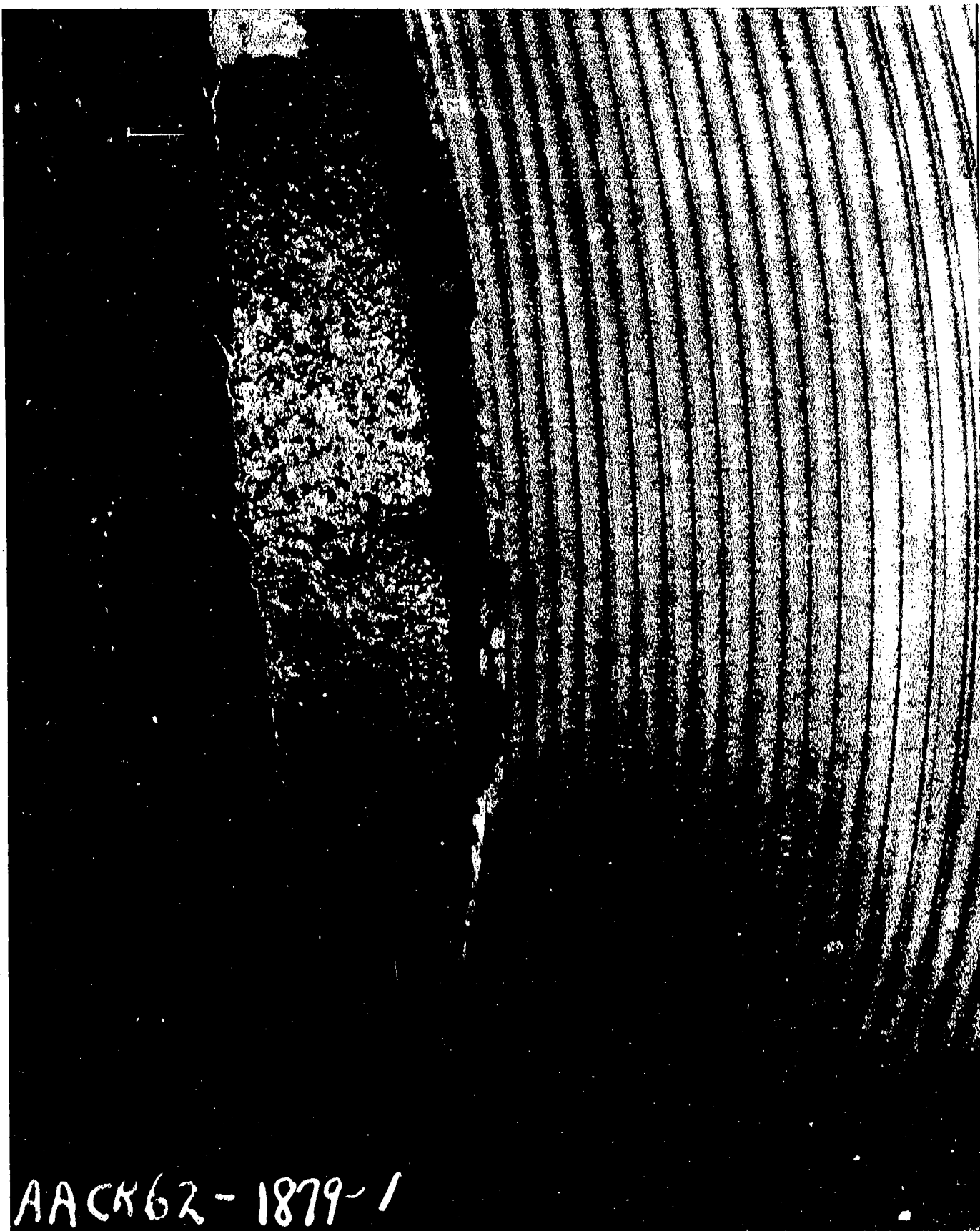
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AA62-1879-1

AA-CR-62-1879-1. #1 Boiler corbel at front wall, starboard side.

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AA-CR-62-2173-1. #7 Boiler, repaired outboard casing.

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AA-CR-62-2173-2. #7 Boiler, repaired outboard casing.

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AA-CR-62-1879-10. Forward stack, port side from main deck.

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AA-CR-62-1879-11. After stack.

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AA-CR-62-1879-12. Forward stack, starboard side, (Diagonal shot).

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AA-CR-68-1757-12. After stack.

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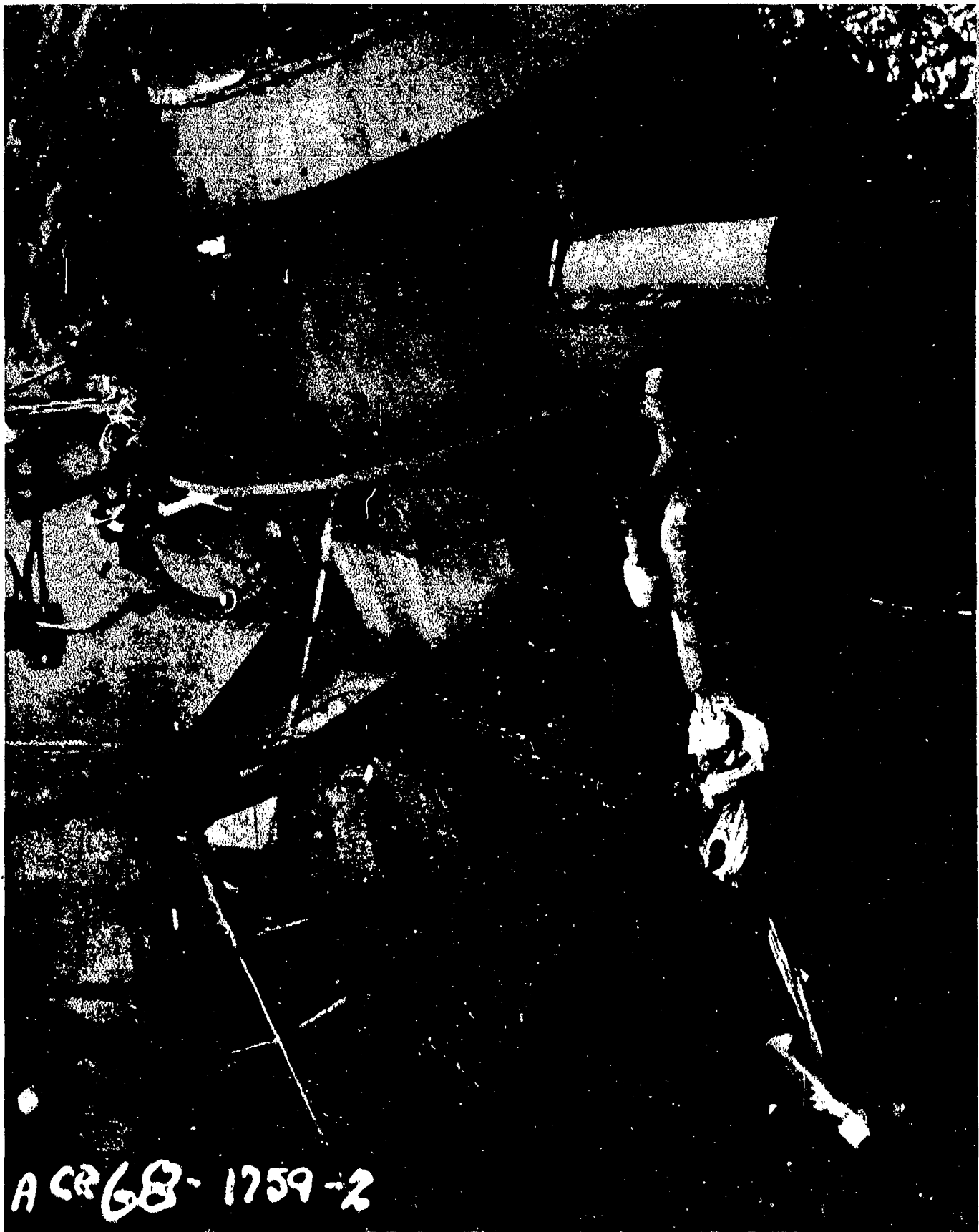
AA-CR-68-1758-5. Forward stack.

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AA-CR-68-1759-2. Forward stack.

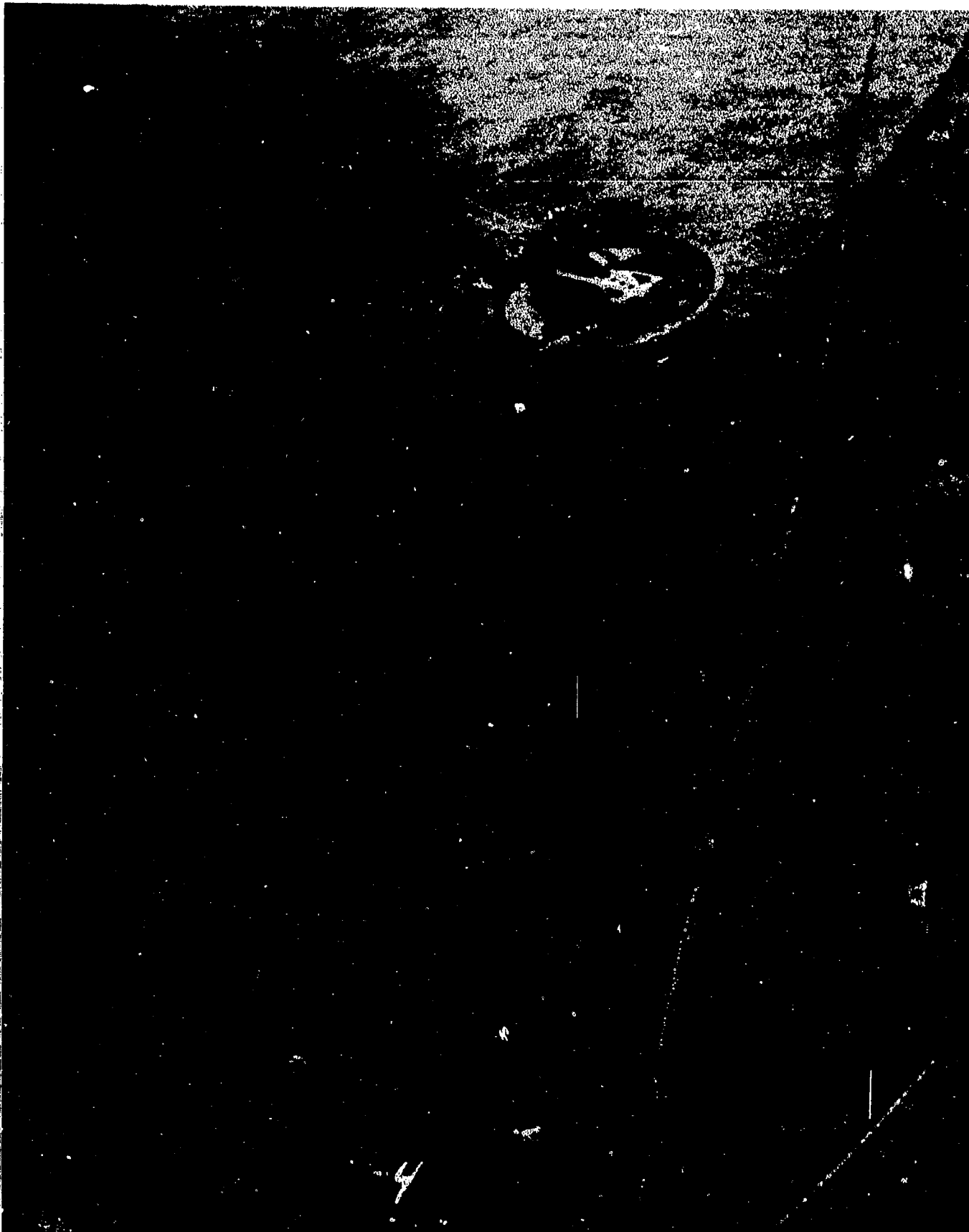
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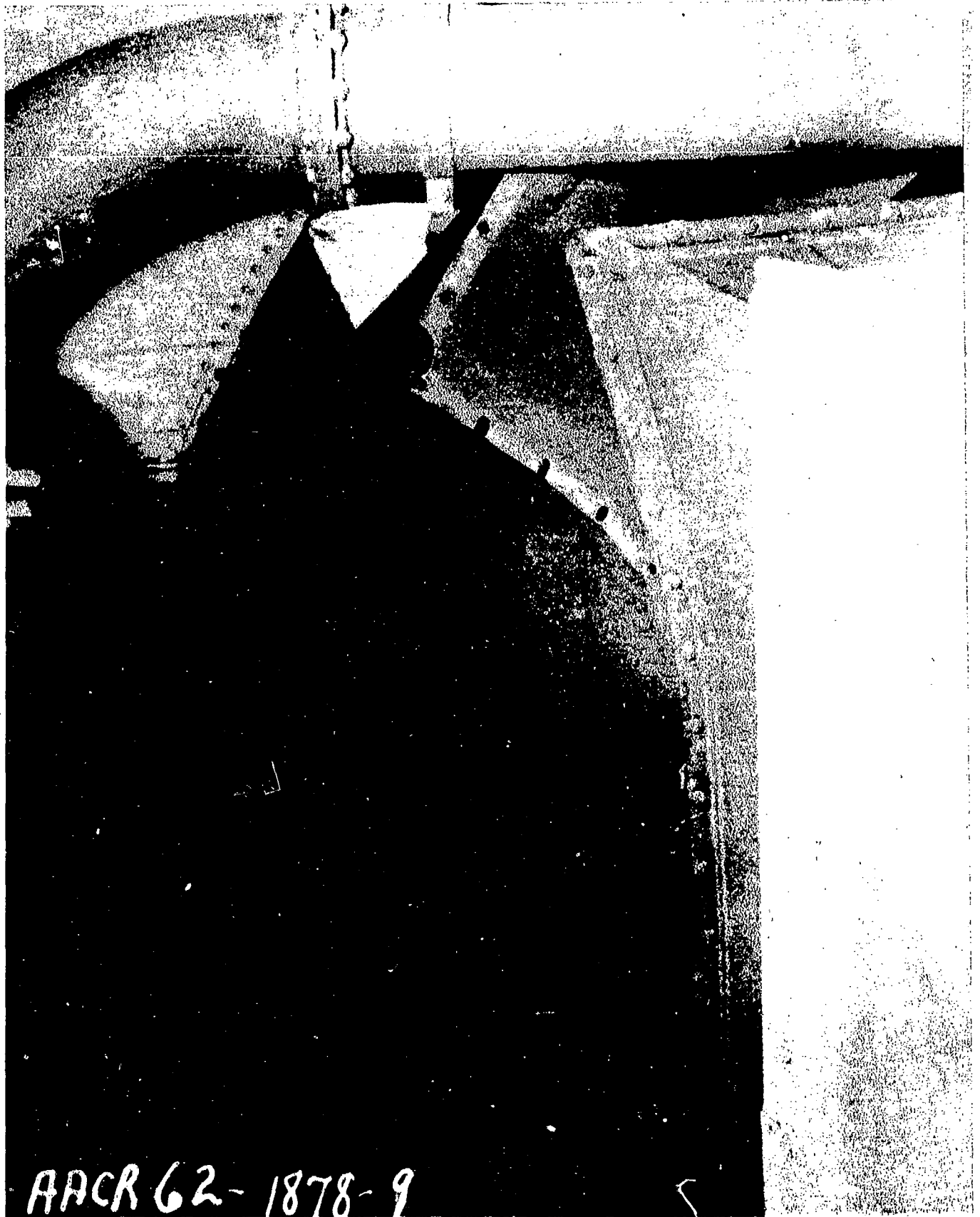
AA-CR-68-1760-4. Forward stack.

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AA-CR-62-1878-9. #3 Boiler uptake showing connection to base of stack.

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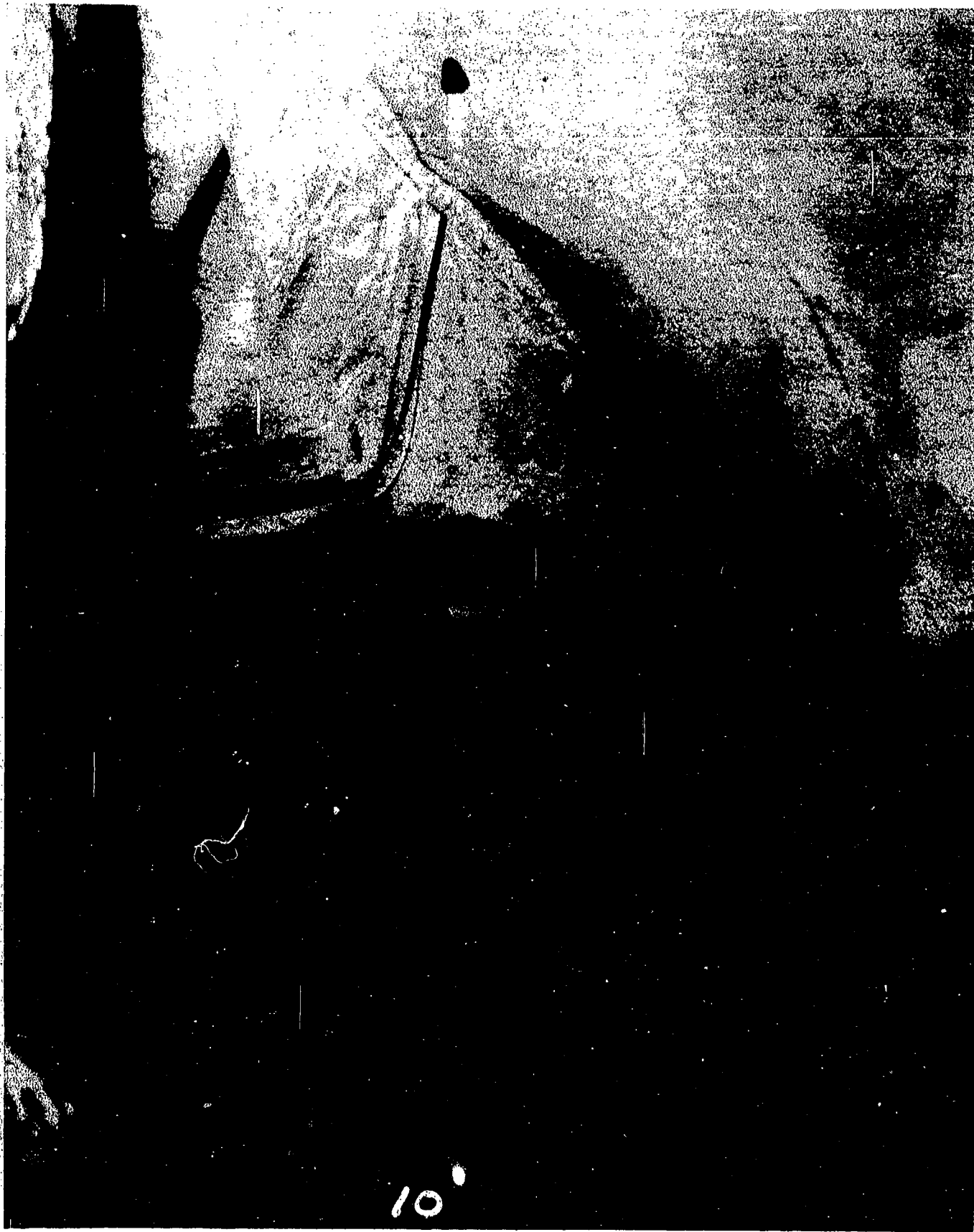
AA-CR-62-1878-10. #1 Boiler uptake showing division plate for #3 uptake. Photograph taken inside uptake from battle bars looking up and aft.

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AA-CR-62-1878-10. #1 Boiler uptake showing division plate for #3 uptake. Photograph taken inside uptake from battle bars looking up and aft.

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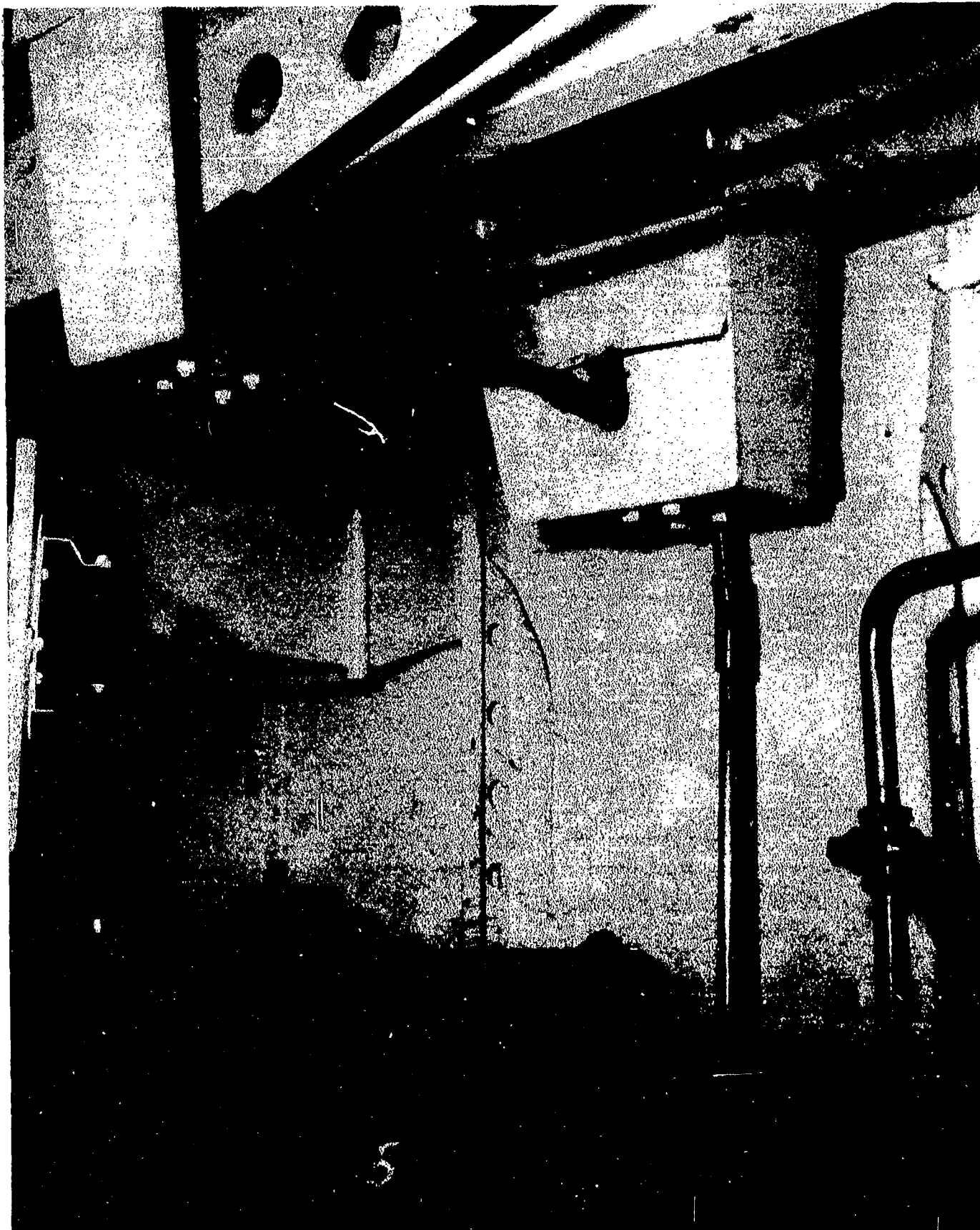
AA-CR-62-1878-8. #2 Boiler uptake above battle bars, forward side.

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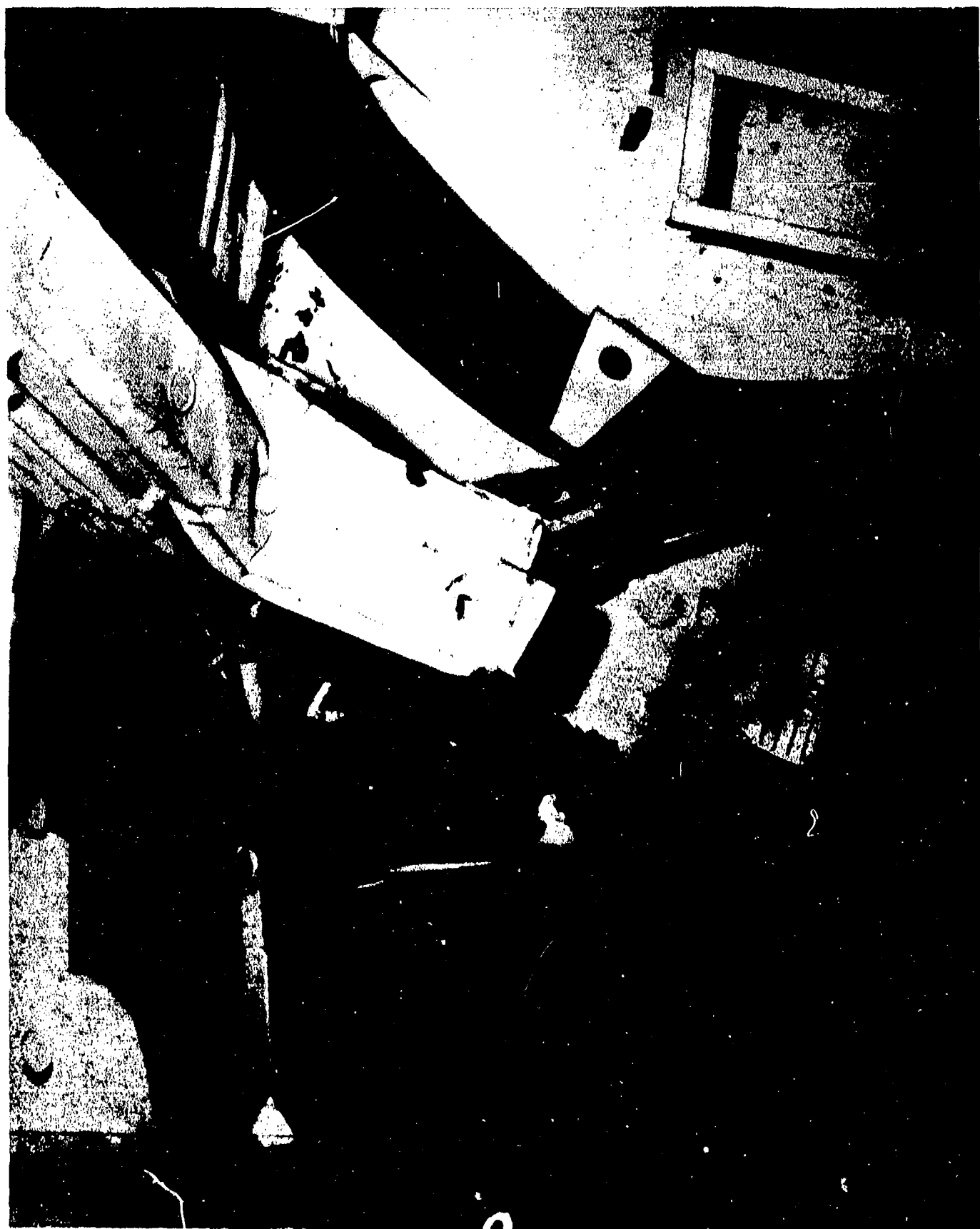
AA-CR-62-2168-5. Airplane crane, control shafting.

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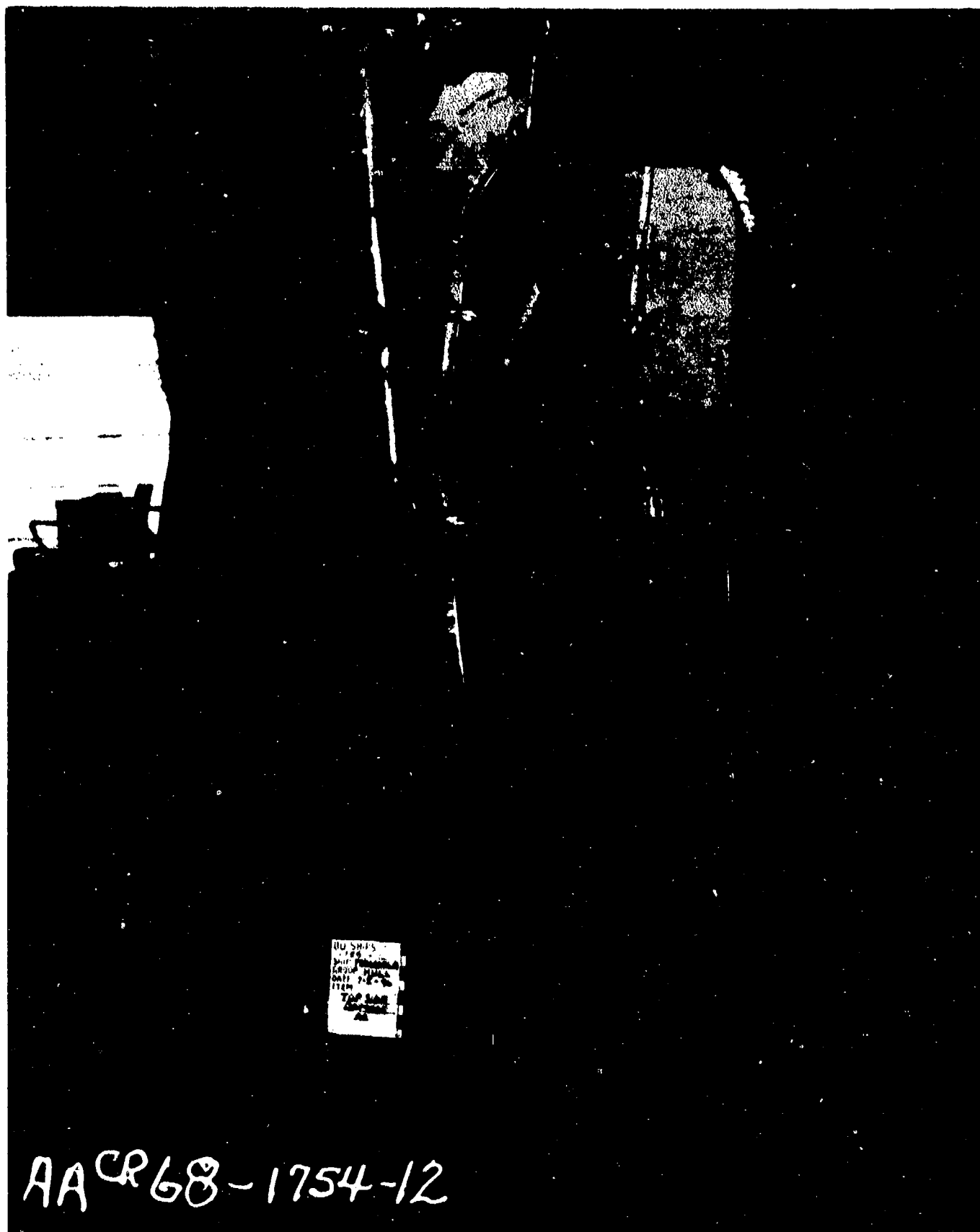
AA-CR-68-1762-9. Cable pulled through hangars due to structural failures.

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AA-CR-68-1754-12. Cable ruptured by blown in door.

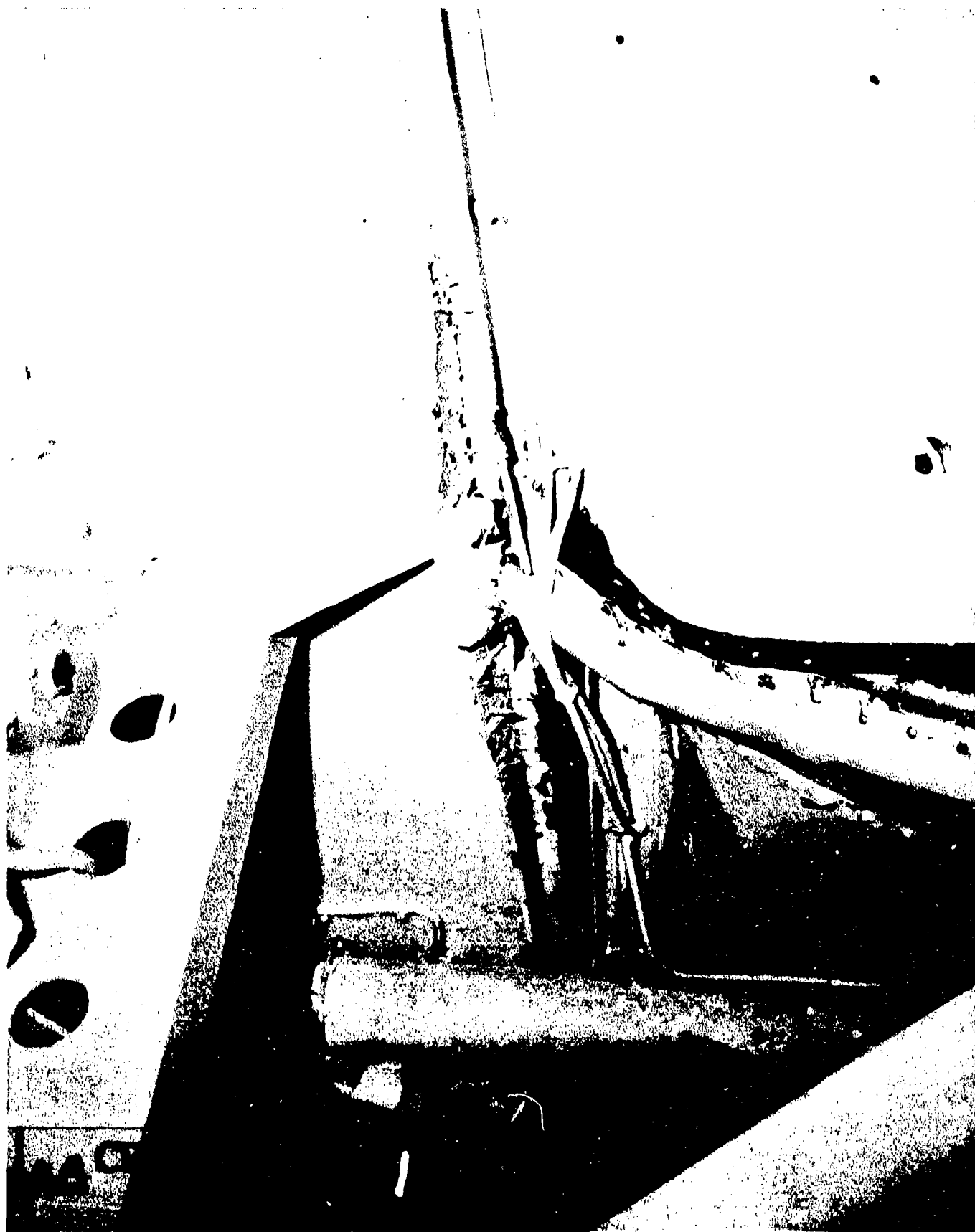
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AA-CR-68-2179-1. Cable in way of structural damage.

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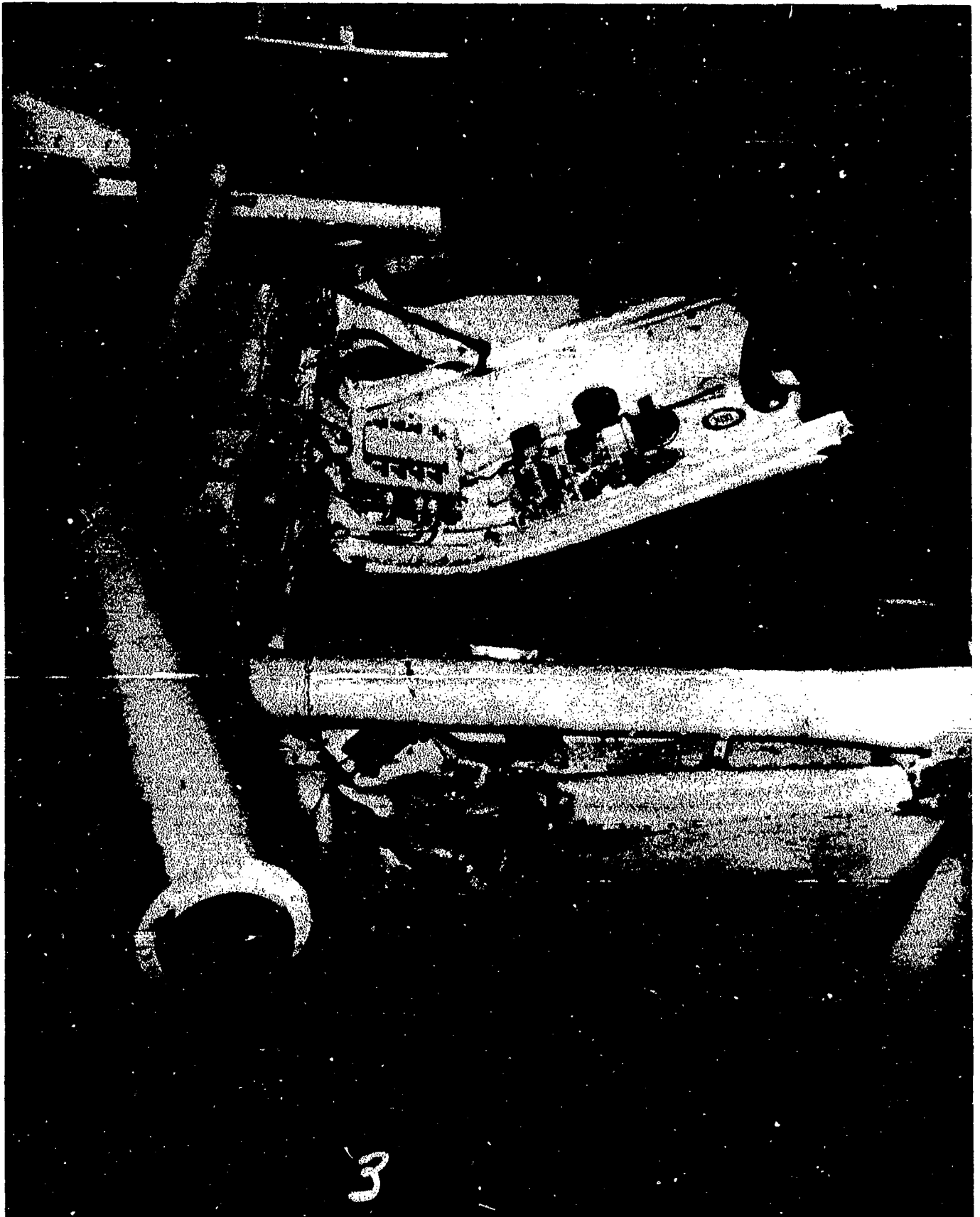
AA-CR-68-1760-6. Cable pulled out of box due to ruptured bulkhead.

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AA-CR-68-1755-3. Various electrical wiring and appliances on ruptured bulkhead.

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AB-CR-234-1692-6. Resistance unit for after warping winch, framework distorted to dishing of deck overhead.

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AA-CR-68-1755-12. Motor controller for radio motor generator, panel is cracked due to distortion of supporting bulkhead.

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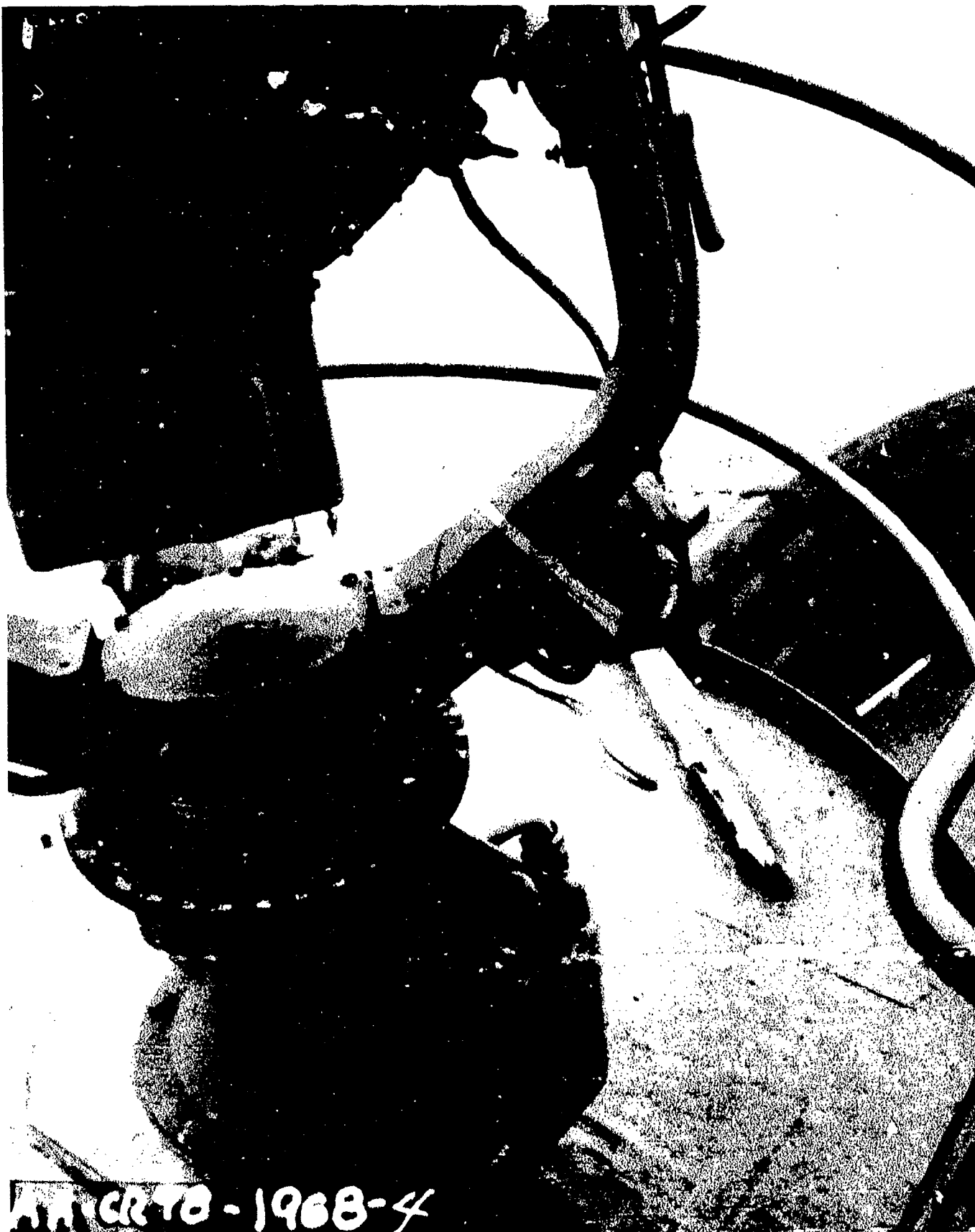
AA-CR-68-1758-7. 36" searchlight blown off platform - wrecked.

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AA-CR-98-1968-4. Cracked pedestal of 24" searchlight, starboard side of radar control room house top, frame 45.

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Classification (~~Secret~~) (Changed to Confidential)  
Authority of Joint Chiefs of Staff (Action 15 Apr 49)

*Alvin Karpis* Date *24 Apr 51*  
*1st Lt. APSWP*

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TRC

**Defense Special Weapons Agency**  
6801 Telegraph Road  
Alexandria, Virginia 22310-3398

10 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER  
ATTENTION: OMI/Mr. William Bush

SUBJECT: Declassification of Reports

The Defense Special Weapons Agency (formerly Defense Nuclear Agency) Security Office has reviewed and declassified the following reports:

AD-366718✓	XRD-32-Volume 3	
AD-366726✓	XRD-12-Volume 2	
AD-366703✓	XRD-16-Volume 1	
AD-366702✓	XRD-14-Volume 2	
AD-376819L✓	XRD-17-Volume 2	
AD-366704✓	XRD-18	
AD-367451✓	XRD-19-Volume 1	
AD-3667005✓	XRD-20-Volume 2	AD-366705
AD-376028L✓	XRD-4	
AD-366694✓	XRD-1	
AD-473912✓	XRD-193	
AD-473891✓	XRD-171	
AD-473899✓	XRD-163	
AD-473887✓	XRD-166	
AD-473888✓	XRD-167	ST-A 28 JAN 80 made target
AD-473889✓	XRD-168	

TRC

10 April 1997

SUBJECT: Declassification of Reports

AD-B197749	XRD-174
AD-473905-	XRD-182
AD-366719-	XRD-33 Volume 4
AD-366700-	XRD-10
AD-366712-	XRD-25 Volume 1
AD-376827L-	XRD-75
AD-366756-	XRD-73
AD-366757-	XRD-74
AD-366755-	XRD-72
AD-366754-	XRD-71
AD-366710-	XRD-23 Volume 1
AD-366711-	XRD-24 Volume 2
AD-366753-	XRD-70
AD-366749-	XRD-66
AD-366701-	XRD-11
AD-366745-	XRD-62.

All of the cited reports are now **approved for public release; distribution statement "A" applies.**

*Arduith Jarrett*  
ARDITH JARRETT  
Chief, Technical Resource Center

copy furn: FC/DSWA (DASIAC)  
KSC

*Completed*

*R.W*